S8510-1-U

West Virginia Agricultural Statistics 1988

West Virginia Agricultural Statistics

West Virginia Department of Agriculture
Charleston, W. Va. 25305

C. R. Bulletin No. 19
January, 1989

ABOUT OUR COVER

The photographs are courtesy of W. Cassel Pulliam, Director of Information, West Virginia Farm Bureau. The photographs were taken by Mark and Brian Cook of Grant County who were winners in the *Picture West Virginia* photography contest. Mark was awarded second place (junior category) for his Suffolk ewe and newborn lamb and Brian was awarded third place (junior category) for his Hereford cow and newborn calf.

West Virginia Agricultural Statistics

ANNUAL BULLETIN NO. 19

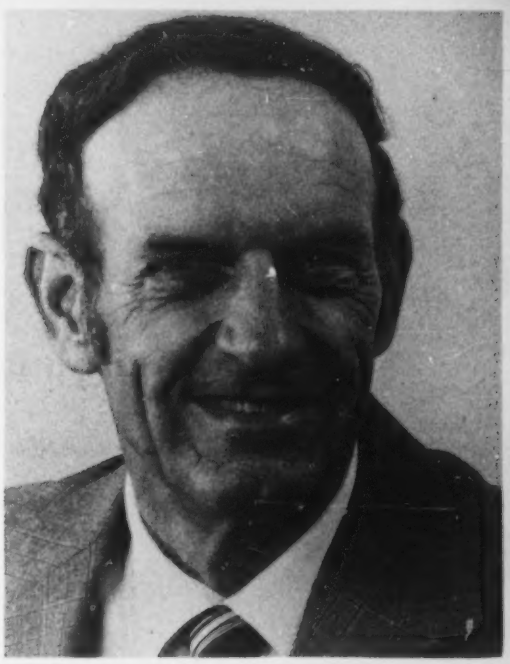
* * * * * *

Compiled and published by the
Office of West Virginia Agricultural Statistics
James J. Brueggen, State Statistician
Steven Manheimer, Deputy State Statistician

Office Staff:
Craig Anderson, Commodity Statistician
Veronica Jenkins, Commodity Statistician
Geraldine Kent, Statistical Assistant
Kathleen Krise, Statistical Clerk
Ramona Lewis, Supervisory Statistical Assistant
Carol Mace, Clerk Typist
Connie Patton, Administrative Technician
Kerry Siekmann, Commodity Statistician
Greg Stamm, Commodity Statistician

* * * * * *

A Cooperative Function Of
West Virginia Department of Agriculture
Gus R. Douglass, Commissioner
and
U.S. Department of Agriculture
National Agricultural Statistics Service
Charles E. Caudill, Administrator



Agriculture continues to be faced with the challenges of the 1980's. From 1980-1985, high interest rates, low prices and declining asset value required many producers to restructure their financial position while others were forced out of farming. From 1986-1988, drought conditions challenged the cropping practices of farmers to maximize production with minimum rainfall. But farmers are optimists. They believe that timely effort and hard work will be blessed and their situtation improved each year. It is this faith and the challenges that makes farmers into innovators. They breed new, higher yielding, disease resistant varieties of crops and species of livestock and poultry with less fat that produce a greater increase with fewer inputs.

Projections to the year 2000 indicate agriculture will continue to face tough economic conditions. Research and innovation will be mainstays of the agricultural community enabling farmers to compete for resources and markets. West Virginia agriculture has some unique challenges to face in addition to low prices and adverse weather. The majority of our farmers sold less than $2,500 worth of agricultural products in 1987 and two-thirds of the operators had nonfarm occupations. The mountains of West Virginia affect the size of fields, the conservation practices required, the size of equipment utilized and therefore the crops that are grown.

West Virginia farm needs are different from those of the plains and corn belt where larger equipment is the solution to many problems. West Virginia farmers in many areas are looking to alternative, higher value cash crops with a different mix of inputs, to generate more cash flow and hopefully a living on limited acreage. The West Virginia Department of Agriculture has been working on several projects to develop production and markets to assist farmers. The melon project in the Hamlin area is an example of an alternate crop that has helped a group of farmers. The solution required to improve the viability of our farms will involve new ideas, education, government entities, markets and the optimism, faith and hard work of the farm community. West Virginia agriculture will continue to be an asset to the State but we will have to lay aside tradition and try new approaches and concepts.

This publication is compiled through the cooperative efforts of the West Virginia Department of Agriculture and the U.S. Department of Agriculture. I wish to express my appreciation to the West Virginia farmers and agribusiness people who voluntarily provide the basic information for this report. Leadership, cooperation and timely information are required to share ideas and find new ways to keep agriculture strong.

I am,

Very truly yours,

Gus R. Douglass
Commisisoner of Agriculture

West Virginia
Agricultural
Statistics

Agriculture has changed rapidly the last 50 years as we moved from horse and human power to mechanical power. In 1938, a farm family was quite self-sufficient, consuming a large portion of the production on the farm. Today, rural families desire a different life-style than existed 50 years ago. Production from a larger operation is marketed and finished goods are purchased to support this life-style. In some cases, life-styles were forced to change because the basic equipment for animal power is no longer manufactured or not affordable.

West Virginia farmers have faced many changes and, in the process, agricultural production has adjusted. In 1940, there were 99,000 farms in West Virginia utilizing 8.9 million acres compared with 20,500 farms and 3.6 million acres of land in farms today. The loss of 60 percent of the land in farms to other industries has greatly affected the agricultural output today. The acreage of most field crops today is only 10 to 20 percent of the area planted 50 years ago. While the number of cattle and calves has been constant over this period, hog and sheep numbers have declined 80 percent along with farm population. The bright spot in agricultural output in the State has been poultry, with broiler and turkey production expanding fifteenfold and tenfold respectively.

West Virginia agriculture has been heavily impacted by the concentration of commodities into "production centers" (localities near processing plants) and the high cost of machinery. To afford equipment, operations must expand to spread the fixed cost of investment over more acres. The mountainous terrain does not lend itself to this expansion. The State's surviving farmers have looked to commodities requiring less equipment and fewer high cost inputs. Cattle and calves meet these specifications and the constant number over time with declining land in farms confirms it.

The future of West Virginia agriculture will depend on farmers' adjustments to future economic changes. Farmers will need the assistance of many groups and reliable, timely information in making decisions. Publications such as this are part of the basic data used by agriculturlists for making production plans and marketing decisions.

The voluntary reporting by farmers and agribusiness form the backbone of this information. We owe a special debt of gratitude to the people and a "thank you".—Cooperation and information sharing are the keys to reaching new objectives.

Sincerely,

James J. Brueggen

James J. Brueggen
State Statistician

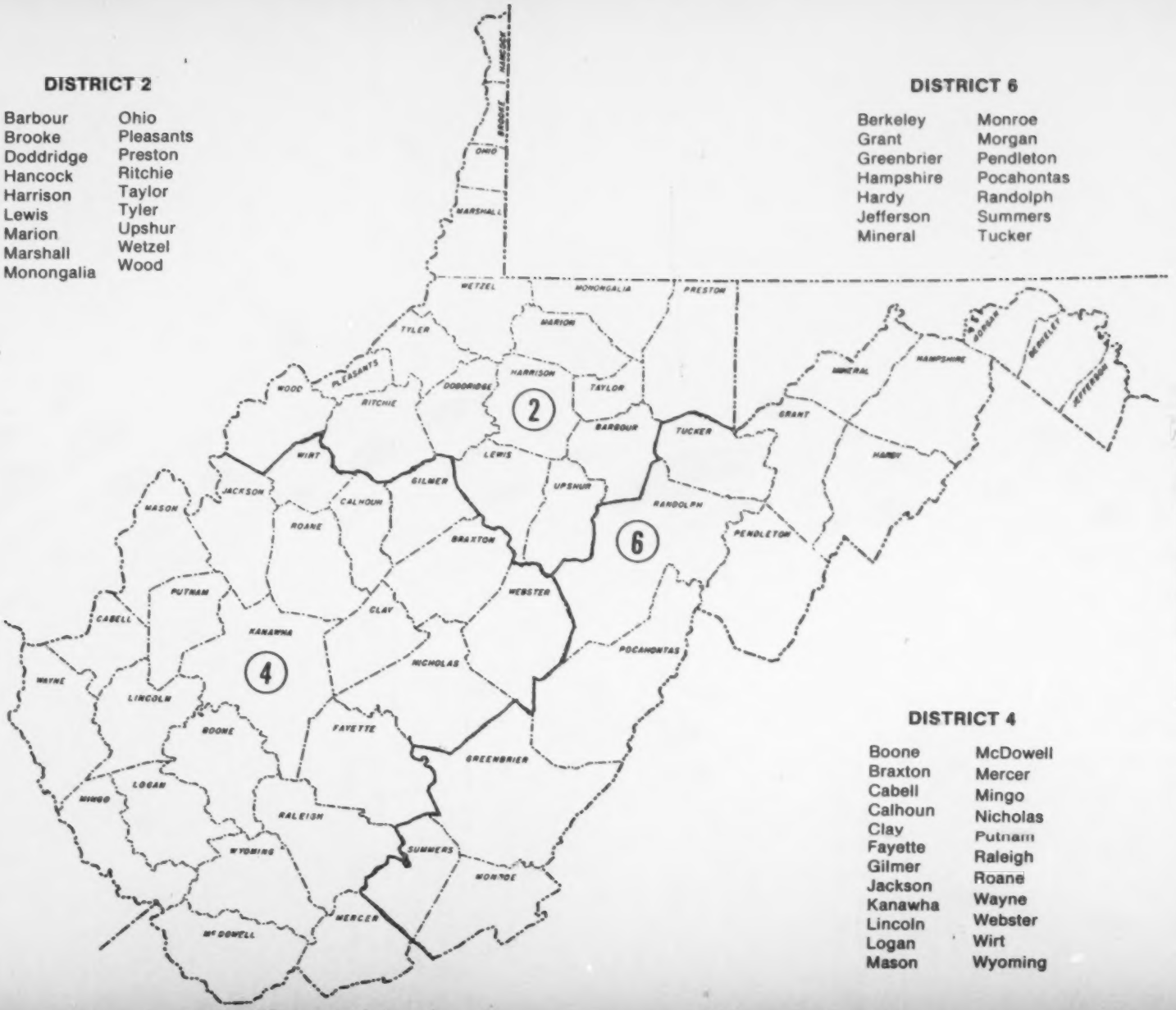

DISTRICT 2
Barbour
Brooke
Doddridge
Hancock
Harrison
Lewis
Marion
Marshall
Monongalia
Ohio
Pleasants
Preston
Ritchie
Taylor
Tyler
Upshur
Wetzel
Wood
DISTRICT 6
Berkeley
Grant
Greenbrier
Hampshire
Hardy
Jefferson
Mineral
Monroe
Morgan
Pendleton
Pocahontas
Randolph
Summers
Tucker
DISTRICT 4
Boone
Braxton
Cabell
Calhoun
Clay
Fayette
Gilmer
Jackson
Kanawha
Lincoln
Logan
Mason
McDowell
Mercer
Mingo
Nicholas
Putnam
Raleigh
Roane
Wayne
Webster
Wirt
Wyoming
2
4
6

Table of Contents

General

West Virginia's Rank In Nation's Agriculture 1
West Virginia Crop Forecasts 1
Seeding Rates 1
West Virginia's Rank of Counties 2
Number of Farms and Land in Farms 3
Land Values 4
West Virginia Record Highs and Lows 5
Farm Labor 6
Fertilizer 7
Commercial Feeds 8
Weather Summary 9
Freeze Dates 10
Monthly and Annual Temperatures 11
Monthly and Annual Precipitation 13

Field Crops

Summary 15
Hay Acreage, Yield, Production, Value 16
Hay Stocks 17
Hay Crop Condition and Growing Areas 18
All Hay County Estimates 19
Alfalfa Hay County Estimates 20
Other Hay County Estimates 21
Oats Acreage, Yield, Production, Value and Growing Areas 22
Oat County Estimates and Wheat Acreage, Yield, Production, Value 23
Wheat County Estimates and Growing Areas 24
Tobacco Acreage, Yield, Production, Value and County Estimates 25
Corn for Grain Acreage, Yield, Production, Value and Growing Areas 26
Corn for Silage Acreage, Yield, Production, Value and Growing Areas 27
Corn for Grain County Estimates 28
Corn for Silage County Estimates 29
Farm Marketings 30

Fruit

Summary 31
Apple Production, Value, Utilization 32
Apples—Number of Growers, Acreage and Trees by County 33
Apples—Trees by Age, Variety and County 34
Apples—Trees by Age and Variety 35
Peach Production, Value and Number of Growers 36
Peaches—Acreage and Trees by County 37
Other Fruits 38

Livestock

Summary and Number On Farms 39
Cattle and Calves 40
Cattle and Milk Cow County Estimates 42
Sheep, Lambs and Wool 43
Hogs and Pigs 45
Sheep and Hogs Growing Areas 47
Sheep and Hogs County Estimates 48
Wool Production by County 49
Livestock Slaughter 50
Pasture Condition 52
Honey Production 52

Dairy

Summary and Milk Production, Disposition and Marketings 53
Milk Marketings, Income and Production by Quarter 54
Dairy Products 55

Poultry

Summary and Chicken County Estimates 56
Chicken and Egg Production 57
Commercial Broilers and Turkeys 58

Income, Expenditures and Prices

Cash Receipts from Farm Marketings 59
Farm Income Indicators 60
Farm Production Expenditures 61
Prices Received 62
Prices Paid 63

General

West Virginia's Rank In The Nation's Agriculture—1987

Crops, Livestock and Livestock Products	Rank Among States	Production	Unit	Value of Production	Leading State
Apples	9	180,000,000	Lbs.	13,567,000	Washington
Peaches	12	17,000,00	Lbs.	2,281,000	California
Tobacco	15	2,592,000	Lbs.	3,797,000	North Carolina
Corn for Grain	38	3,600,000	Bu.	6,120,000	Iowa
Corn for Silage	37	357,000	Tons	-	Wisconsin
Alfalfa	33	224,000	Tons	-	Wisconsin
Other Hay	30	770,000	Tons	-	Texas
All Hay	35	994,000	Tons	57,652,000	California
Oats for Grain	32	400,000	Bu.	580,000	South Dakota
Winter Wheat	42	495,000	Bu.	1,213,000	Kansas
Sheep & Lambs	28	5,685,000	Lbs.	3,436,000	Texas
Wool	28	431,000	Lbs.	267,000	Texas
Hogs & Pigs	37	16,239,000	Lbs.	8,515,000	Iowa
Cattle & Calves	41	71,250,000	Lbs.	47,205,000	Texas
Eggs	42	108,000,000	Eggs	7,218,000	California
Milk & Milk Products	42	349,000,000	Lbs.	45,066,000	Wisconsin

West Virginia 1988 Crop Forecasts—August 1, 1988

Crop	Harvested Acres	Yield Per Acre	Unit	Production
All Hay	620,000	1.24	Tons	766,000
Other Hay	550,000	1.10	Tons	605,000
Alfalfa	70,000	2.30	Tons	161,000
Corn for Grain	51,000	50.0	Bu.	2,550,000
Winter Wheat	9,000	46.0	Bu.	414,000
Oats	6,000	41.0	Bu.	246,000
Tobacco	1,900	1,250	Lbs.	2,375,000

SEEDING RATES: Quantity of Seed Used Per Acre, Selected States, 1987

State	Corn	Barley	Oats	Winter Wheat	Soybeans
	-- Kernels --		-- Bushels --		
Kentucky	22,000	1.3	2.1	1.7	9
Maryland	23,200	2.3	2.6	1.9	1/
Ohio	25,500	1/	2.6	2.2	.8
Virginia	23,000	2.2	2.4	1.3	1/
West Virginia	23,400	1/	2.5	2.0	1.3

1/ Not available.

West Virginia County Rankings
1987 Crop and Livestock Production

County	Hay	Corn	Wheat	Oats	Tobacco	All Cattle	Milk Cows	Hogs	Sheep	Wool	Chickens
Barbour	11	31	20	16	-	17	15	22	26	24	21
Berkeley	8	2	2	2	-	12	4	1	31	23	26
Boone	52	47	-	-	9	53	52	54	50	-	27
Braxton	22	40	-	-	-	27	37	21	16	15	29
Brooke	42	16	20	13	-	45	13	47	39	34	50
Cabell	41	19	12	32	4	43	34	30	50	50	42
Calhoun	37	51	-	-	-	40	48	51	47	49	46
Clay	48	49	-	41	-	44	52	43	44	46	36
Doddridge	31	49	-	32	-	38	45	34	28	29	42
Fayette	39	34	35	23	-	35	22	31	31	36	47
Gilmer	31	24	35	-	-	23	34	29	14	15	22
Grant	24	11	11	19	-	14	27	14	5	5	5
Greenbrier	2	8	9	10	16	1	6	14	6	7	13
Hampshire	9	7	7	4	-	7	30	6	9	10	2
Hancock	47	33	17	17	-	51	50	51	47	45	17
Hardy	15	4	3	5	-	4	10	2	3	3	1
Harrison	3	36	27	32	-	11	12	38	33	35	18
Jackson	12	17	14	29	5	10	21	19	18	17	10
Jefferson	6	1	1	3	-	3	1	3	16	14	30
Kanawha	45	48	-	-	12	47	45	42	45	43	14
Lewis	17	32	19	-	-	15	22	31	11	9	22
Lincoln	49	25	35	41	1	38	40	13	36	40	9
Logan	53	46	-	-	13	52	33	47	52	-	53
Marion	26	35	29	-	-	25	17	31	27	26	31
Marshall	13	13	29	19	-	27	7	26	13	13	33
Mason	7	3	5	8	2	6	2	-	-	-	54
McDowell	-	-	-	-	-	55	-	5	22	19	4
Mercer	35	37	35	27	16	36	44	34	35	27	39
Mineral	23	20	13	14	-	19	10	11	10	11	3
Mingo	54	52	-	-	-	54	50	47	-	-	35
Monongalia	25	26	29	25	15	18	19	20	12	12	20
Monroe	4	5	6	6	6	8	5	10	7	6	11
Morgan	44	18	4	9	-	46	31	23	49	47	27
Nicholas	28	28	23	21	-	29	28	38	20	30	7
Ohio	33	23	20	12	-	37	9	26	37	37	51
Pendleton	5	9	8	10	-	5	14	4	1	1	54
Pleasants	43	30	29	32	-	48	39	37	52	-	52
Pocahontas	14	12	15	6	-	9	37	7	2	2	15
Preston	1	6	16	1	-	2	3	8	8	8	8
Putnam	30	15	25	21	3	34	45	24	42	38	24
Raleigh	34	41	35	31	14	30	40	17	29	31	48
Randolph	10	14	24	15	-	13	8	9	4	4	31
Ritchie	20	43	29	32	18	26	43	47	24	22	41
Roane	16	43	28	-	10	20	48	41	29	27	25
Summers	29	27	17	24	-	24	19	26	34	32	36
Taylor	27	39	-	32	-	21	25	44	40	41	49
Tucker	36	21	35	18	-	33	29	34	15	18	6
Tyler	17	22	26	28	18	31	16	16	19	25	19
Upshur	21	41	-	29	-	22	31	25	21	32	36
Wayne	46	29	-	41	7	41	18	38	45	42	44
Webster	50	52	-	32	-	48	42	45	37	39	33
Wetzel	40	38	29	32	-	42	34	17	22	20	40
Wirt	38	45	35	32	8	32	25	45	42	44	45
Wood	19	10	10	25	11	16	22	12	25	21	12
Wyoming	51	52	-	41	-	50	52	53	41	48	16

Number of Farms and Land In Farms, By States, June 1, 1986-88 1/

State	Farms			Land In Farms		
	1986	1987	1988 2/	1986	1987	1988 2/
	Number			1,000 Acres		
Alabama	51,000	49,000	49,000	11,000	11,000	11,000
Alaska	670	660	650	1,410	1,400	1,380
Arizona	8,600	8,400	8,100	37,200	37,000	36,500
Arkansas	50,000	49,000	47,000	15,700	15,400	15,000
California	79,000	78,000	78,000	32,800	32,600	32,500
Colorado	26,600	27,000	27,300	34,200	34,000	33,7000
Connecticut	3,800	3,700	3,700	450	440	440
Delaware	3,200	3,100	3,000	640	620	590
Florida	39,000	39,000	40,000	13,000	13,000	13,000
Georgia	49,000	48,000	49,000	13,300	13,000	13,000
Hawaii	4,400	4,300	4,400	1,950	1,950	1,950
Idaho	24,000	23,000	22,500	14,200	13,800	13,700
Illinois	86,000	84,000	83,000	28,700	28,600	28,600
Indiana	77,000	72,000	72,000	16,400	16,200	16,400
Iowa	109,000	107,000	107,000	33,600	33,500	33,500
Kansas	70,000	70,000	69,000	47,900	47,900	47,900
Kentucky	99,000	99,000	99,000	14,500	14,500	14,500
Louisiana	36,000	36,000	35,000	10,000	9,7000	9,500
Maine	7,800	7,800	7,800	1,520	1,520	1,500
Maryland	17,000	16,500	16,000	2,500	2,450	2,350
Massachusetts	6,000	6,000	6,100	680	680	680
Michigan	60,000	58,000	58,000	11,300	11,300	11,200
Minnesota	93,000	92,000	94,000	30,000	30,000	30,000
Mississippi	46,000	45,000	43,000	14,000	13,800	13,500
Missouri	115,000	114,000	113,000	30,700	30,600	30,400
Montana	23,600	23,300	23,300	60,900	60,800	60,700
Nebraska	57,000	56,000	55,000	47,200	47,200	47,100
Nevada	2,400	2,400	2,400	8,800	8,800	8,800
New Hampshire	3,200	3,200	3,300	520	520	520
New Jersey	8,200	7,600	7,400	900	850	830
New Mexico	13,600	13,500	13,500	44,600	44,600	45,000
New York	42,000	40,500	40,000	8,700	8,600	8,500
North Carolina	73,000	72,000	70,000	10,800	10,800	10,500
North Dakota	33,000	32,500	32,500	40,700	40,500	40,400
Ohio	88,000	84,000	84,000	15,800	15,600	15,600
Oklahoma	71,000	70,000	69,000	33,000	33,000	33,000
Oregon	37,000	37,000	36,500	17,900	17,900	17,800
Pennsylvania	56,500	56,500	56,000	8,500	8,500	8,400
Rhode Island	750	750	750	73	73	72
South Carolina	27,000	26,000	26,500	5,400	5,200	5,300
South Dakota	36,000	35,000	34,500	44,500	44,300	44,100
Tennessee	96,000	96,000	94,000	13,000	12,600	12,800
Texas	162,000	160,000	156,000	134,000	133,200	132,000
Utah	13,700	13,600	13,300	11,400	11,300	11,300
Vermont	7,100	7,100	7,100	1,600	1,600	1,580
Virginia	50,000	50,000	49,000	9,600	9,600	9,600
Washington	38,000	38,000	38,000	16,000	16,000	16,000
West Virginia	21,000	21,000	20,500	3,700	3,700	3,600
Wisconsin	82,000	81,000	82,000	17,600	17,600	17,600
Wyoming	8,800	8,700	8,700	34,800	34,800	34,800
United States	2,211,920	2,176,110	2,158,800	1,007,643	1,002,603	998,692

1/ A farm is an establishment that, as of June 1, sold or would normally have sold $1,000 or more of agricultural products during the year.

2/ Preliminary.

LAND VALUES: Average Value Per Acre of Farmland and Buildings, By Selected States, 1982-88

State	As of April 1				As of February 1			Percent Change
	1982	1983	1984	1985	1986	1987	1988	1987-88
				Dollars				Percent
Appalachia	1,083	1,082	1,090	1,005	983	951	972	2
West Virginia	723	688	667	554	537	527	542	3
Virginia	1,096	1,125	1,114	1,091	1,146	1,111	1,143	3
North Carolina	1,297	1,314	1,380	1,242	1,130	1,096	1,062	-3
Kentucky	1,058	1,049	1,007	906	870	791	786	-1
Tennessee	1,040	1,014	1,044	982	992	1,012	1,104	9

Percent Change In Farmland Value Per Acre, By Farm Production Regions, February 1987-88 and February 1982-88

WEST VIRGINIA AGRICULTURAL STATISTICS
RECORD HIGHS AND LOWS

Item	Unit	Record High		Record Low		Year Record Started
		Quantity	Year 1/	Quantity	Year 1/	
ALL CORN						
Harvested for grain	(000) Acres	729	1900	47	1968	1879
Grain yield	Bushels	105.0	1985	12.5	1930	1879
Grain production	(000) Bushels	19,683	1896	2,256	1966	1879
Harvested for silage	(000) Acres	43	1977	1	1910	1909
Silage yield	Tons	17.0	1985	4.5	1930	1919
Silage production	(000) Tons	636	1980	88	1944	1919
Forage	(000) Acres	16	1924	1	1981	1879
ALL HAY						
Harvested	(000) Acres	844	1943	570	1986	1909
Yield	Tons	2.02	1985	.50	1911	1909
Production	(000) Tons	1,230	1985	334	1911	1909
OTHER HAY						
Harvested	(000) Acres	793	1943	480	1986	1919
Yield	Tons	1.80	1985	.63	1930	1919
Production	(000) Tons	955	1924	404	1930	1919
ALFALFA						
Harvested	(000) Acres	140	1956	5	1921	1919
Yield	Tons	3.00	1985	1.05	1930	1919
Production	(000) Tons	330	1985	8	1930	1919
ALL WHEAT						
Harvested	(000) Acres	448	1899	8	1985	1866
Yield	Bushels	45.0	1987	6.0	1885	1866
Production	(000) Bushels	5,535	1897	279	1973	1866
OATS						
Harvested	(000) Acres	188	1921	8	1985	1866
Yield	Bushels	61.0	1985	14.0	1882	1866
Production	(000) Bushels	4,784	1920	400	1987	1866
TOBACCO						
Harvested	(000) Acres	19.0	1910	1.2	1980	1866
Yield	Pounds	2,020	1977	420	1887	1866
Production	(000) Pounds	14,400	1909	1,160	1867	1866
CATTLE						
All Cattle & Calves Jan. 1	(000) Head	628	1944	362	1868	1867
Milk Cows, Jan. 1 2/	(000) Head	262	1935	31	1988	1867
Calves born	(000) Head	286	1955	176	1927	1924
HOGS						
All Hogs, Dec. 1	(000) Head	425	1880	36	1987	1867
All Sows farrowed						
Dec.-May farrowed	(000) Head	32	1943	2.4	1986	1930
June-Nov. farrowed	(000) Head	40	1943	1.6	1985	1930
Total Pigs	(000) Head	497	1943	30	1985	1924
SHEEP						
All Sheep & Lambs, Jan. 1	(000) Head	800	1985	76	1985	1867
Lambs born	(000) Head	558	1933	71	1985	1924
CHICKENS	(000) Head	5,451	1944	670	1986	1924

1/ In case of a tie, the most recent year was used.
2/ Prior to 1970 was cows two years old and older. Since 1970, cows calved.

FARM LABOR: Number of Workers and Hours Worked
Appalachian Region II 1/, By Survey Week, 1983-1987 3/

Year and Survey Week	Number of Workers				Hours Worked		
	Self-Employed	Unpaid Family	All Hired	Total	Self-Employed	Unpaid Family	All Hired
	--- (000) Workers ---				--- Hours ---		
1983: 2/							
July 10-16	118.0	71.3	86.0	275.3	37.8	35.9	29.6
1984:							
July 8-14	116.5	64.9	70.0	251.4	35.8	33.3	33.3
1985:							
April 7-13	118.0	28.0	31.0	177.0	30.7	27.4	27.0
July 7-13	95.0	33.0	39.0	167.0	37.1	33.9	27.0
October 6-12	87.0	37.0	39.0	163.0	36.2	31.3	28.8
1986:							
April 6-12	85.0	22.0	28.0	135.0	31.6	28.3	33.0
July 6-12	111.0	42.0	52.0	205.0	33.4	28.5	28.9
October 12-18	103.0	26.0	54.0	183.0	31.7	32.2	32.0
1987:							
April 12-18	109.0	25.0	31.0	165.0	26.5	29.4	33.0
July 12-18	98.0	28.0	43.0	169.0	35.3	32.5	35.0
October 11-17	92.0	26.0	33.0	151.0	32.7	30.6	30.9

FARM LABOR: Wage Rates for Hired Workers,
Appalachian Region II 1/, By Survey Week, 1983-1987 3/

Year and Survey Week	All Hired	Type of Worker				Method of Pay		
		Field	Livestock	Supervisory	Other 4/	Hourly	Piece Rate	Other 5/
	--- Dollars Per Hour ---							
1983: 2/								
July 10-16	3.85	3.20	3.90	6.94	4.34	3.49	6/	4.91
1984:								
July 8-14	3.77	3.48	4.02	6/	4.05	3.77	6/	3.55
1985:								
April 7-13	3.90	3.65	4.13	6/	3.76	3.77	6/	4.33
July 7-13	3.73	3.58	3.69	6/	4.04	3.72	6/	3.68
October 6-12	4.04	3.99	3.88	6/	4.00	3.92	5.51	4.04
1986:								
April 6-12	4.25	3.92	4.24	6/	4.73	4.06	5.41	4.52
July 6-12	3.80	3.28	4.26	6/	4.08	3.66	6/	4.34
October 12-18	3.92	3.73	4.17	6/	3.98	3.65	4.52	5.04
1987:								
April 12-18	3.94	3.76	3.90	6/	6/	3.80	6/	4.52
July 12-18	4.00	3.69	4.17	6.61	6/	3.79	6/	4.87
October 11-17	4.16	3.81	4.26	6.87	6/	3.89	5.38	5.16

1/ Includes Kentucky, Tennessee and West Virginia.
2/ Other quarterly estimates unavailable for 1983-1984.
3/ Excludes Agricultural Service Workers.
4/ Includes machine operators, bookkeepers, buyers, etc.
5/ Includes wages based on salary or commission by day, week, etc.
6/ Insufficient data.

FERTILIZER: Mixtures Sold, By Kinds, 1983-1987

Analysis	1983	1984	1985	1986	1987
0-0-6 1/	-	-	-	-	6,926
0-15-30	35	25	9	60	-
0-25-25	143	123	160	96	-
0-46-0 1/	-	-	-	-	4,603
3-18-18	82	96	195	58	9
5-10-5	229	125	39	50	59
5-10-10	6,192	3,165	6,513	4,269	4,289
5-10-15	1,422	1,286	862	595	845
5-20-20	50	45	63	92	9
6-12-12	129	138	77	89	-
6-24-24	796	1,241	1,381	877	1,037
8-32-16	221	297	275	7	57
10-10-10	6,198	6,049	6,745	5,244	5,880
10-20-10	695	1,114	1,201	963	488
10-20-20	5,272	7,220	7,874	7,110	8,123
12-12-12	2,286	2,709	2,683	2,179	2,131
12-24-24	344	243	267	110	180
15-15-15	325	658	899	777	870
15-30-15	18	136	633	554	438
18-46-0 1/	-	-	-	-	9,137
19-19-19	357	1,399	2,029	1,881	2,708
30-0-0 1/	-	-	-	-	2,045
34-0-0 1/	-	-	-	-	1,120
46-0-0 1/	-	-	-	-	6,119
Miscellaneous	9,932	17,856	11,413	15,446	19,673
Total Mixtures	34,726	43,925	43,318	40,457	76,745

1/ Not Available 1983-1986.

Source: West Virginia Department of Agriculture

FERTILIZER: Materials Sold, By Kinds, 1983-1987

Analysis	1983	1984	1985	1986 1/	1987
Ammonium Nitrate	4,036	2,609	2,680	-	-
Ammonium Sulphate	458	490	560	-	-
Liquid Nitrogen	6,939	7,767	5,883	-	-
Nitrate of Soda	300	505	102	-	-
Calcium Nitrate	270	122	65	-	-
Urea	4,372	5,400	5,992	-	-
Total Nitrogen	16,375	16,893	15,282	14,597	15,977
44%	1,085	951	169	-	-
46%	2,539	2,615	2,799	-	-
Total Phosphorus	3,624	3,566	2,968	6,023	14,019
Sul-Po-Mag	129	-	-	-	-
60%	9,028	7,779	7,768	-	-
61%	544	1,007	1,796	-	-
62%	92	444	19	-	-
Total Potash	9,793	9,230	9,583	8,556	7,876
Diammonium Phosphate	7,832	8,079	8,135	-	-
Minerals	255	487	1,312	-	-
Organics	1,011	681	1,193	-	-
Total Miscellaneous	9,098	9,247	10,640	8,728	5,213
Total Materials Sold	38,890	38,936	38,473	37,904	43,085
Total Fertilizers Sold 2/	73,616	82,861	81,791	78,361	119,830

1/ Individual items not available beginning in 1986.
2/ Includes mixtures and materials.

Source: West Virginia Department of Agriculture

FEEDS: Quantity of Commercial Feeds, Sold by Kinds, 1983-1987 1/

Class of Feed	1983	1984	1985	1986	1987
			-- Tons --		
Dairy	39,907	36,687	40,449	31,517	35,720
Beef	6,902	6,170	8,160	7,221	10,399
Laying Mash	13,546	13,063	14,777	6,848	8,523
Starter & Grower	1,650	1,867	1,061	598	1,003
Broiler	3,813	4,516	4,218	2,319	2,513
Scratch	3,169	2,525	2,861	1,893	1,867
Turkey	1,825	2,130	2,172	2,848	6,924
Hog	10,460	10,812	9,033	6,221	7,348
Horse	11,658	12,936	13,237	11,444	13,981
Sheep	576	751	991	798	1,215
Pet	40,236	38,764	37,832	43,511	40,032
Minerals	2,946	2,899	3,326	4,003	3,678
Total Feed	136,688	133,120	138,117	119,221	133,203

FEEDS: Quantity of Commercial Feed Ingredients, Sold By Kinds, 1983-1987 1/

Class of Feed	1983	1984	1985	1986	1987
			-- Tons --		
Alfalfa Meal	78	277	624	111	146
Animal Products	5,053	3,127	1,264	2,607	4,392
Beet & Citrus Pulp	38	124	22	4	4
Brewer Grains	98	36	67	75	-
Corn Products	7,108	7,958	11,373	7,932	7,700
Corn Distiller Products	173	321	558	788	701
Cottonseed Meal	68	20	49	0	36
Grain Mixtures (Chop)	547	534	398	434	894
Grain Sorghum Products	183	238	186	133	184
Linseed Products (Flax)	63	10	142	16	6
Oat Products	1,234	1,537	1,951	2,148	1,228
Soybean Meal	4,469	3,000	6,186	6,897	4,246
Vitamins	8	9	10	9	94
Wheat Products	1,347	1,246	1,586	1,425	2,236
Miscellaneous	3,363	5,037	11,660	9,656	5,668
Total Ingredients	23,830	23,474	36,076	32,235	27,535

1/ Excludes contract feeds.

Source: West Virginia Department of Agriculture.

WEATHER CONDITIONS

Average temperatures in West Virginia for 1987 at the 25 weather reporting stations were generally reported above normal. However, the departure from normal was mostly less than 2 degrees.

The total yearly precipitation at most weather reporting stations in the State was below normal. The yearly total precipitation at the weather reporting stations ranged from 13.43 inches below normal at Parkersburg to 2.00 inches above normal at Wardensville.

Winter 1987 in West Virginia began with below average temperatures and precipitation. The entire month of January experienced below average precipitation. Temperatures moved to above normal the middle two weeks in January and fell below normal the last week of the month. The average weekly temperature in January ranged from 2 to 8 degrees above normal to 7 degrees below normal. February displayed average weekly temperatures 2 to 7 degrees below normal for the entire month. Weekly average precipitation in February was variable throughout the State, with some districts reporting above average precipitation and others reporting below average precipitation. March generally showed below average precipitation with the last half of the month coming in with much below normal precipitation. March weekly average temperatures began above normal with the first 2 weeks ranging 1 to 6 degrees above normal. The middle of the month experienced below average temperatures, while the end of the month again showed temperatures 4 to 9 degrees above normal.

Spring began with precipitation 1.4 to 2.0 inches above normal during the first week in April. Precipitation in the middle 2 weeks in April averaged mostly below normal; however, the last week in April experienced precipitation 0.11 to 2.06 inches above normal. April weekly average temperatures were 4 to 14 degrees below normal during the first half of the month and rose to 4 degrees above normal the last week in April. May precipitation was variable with some areas reporting above average rainfall and other areas experiencing below average precipitation during the month. The weekly average temperature during the first half of May was 3 to 7 degrees below normal, rising to 1 to 10 degrees above normal for the last half of the month. June precipitation followed much the same pattern as May in that precipitation varied throughout the State from above normal to below normal. June weekly average temperatures were above normal for the entire month, ranging from 1 to 3 degrees above normal the second week in June to 6 to 9 degrees above normal the first week in June.

The summer months of 1987 in West Virginia were characterized by below normal precipitation and above average temperatures. July precipitation began varying from above to below normal during the first week and was well below normal by the end of the month. Weekly average temperatures were above normal for July, ranging from 3 to 8 degrees above normal. August precipitation was well below average most of the month; however, precipitation was 0.12 to 1.47 inches above normal the third week of the month. August weekly average temperatures were 2 to 7 degrees above normal the first 3 weeks of the month and 2 to 3 degrees below normal the last week in August. September weekly average temperatures were 2 to 5 degrees below normal in the first week of the month and 3 to 5 degrees above normal for the remainder of the month.

Fall 1987 in West Virginia generally experienced below average precipitation and above average temperatures. Precipitation for October was below average for the entire month. Weekly average temperatures at the weather reporting stations in October were variable, coming in above and below normal during the month. November precipitation was below normal overall, except for the third week of the month which experienced precipitation 0.28 to 1.62 inches above normal. Weekly average temperatures were variable throughout the month of November, as above and below average temperatures were reported. December precipitation was below average during the first half of the month and average or above average for the last half of the month. The first 3 weeks of December had weekly average temperatures both above and below normal, and the last week experienced average temperatures 5 to 10 degrees above normal.

FREEZE DATES: Last 32° Temperature in Spring and First in Fall, By State Divisions, 1985-1987

Division & Station	1985		1986		1987	
	Last in Spring	First in Fall	Last in Spring	First in Fall	Last in Spring	First in Fall
NORTH CENTRAL & NORTHWESTERN						
Creston	April 18	Oct. 7	May 5	Nov. 14	April 11	Oct. 14
Glenville	April 17	Oct. 7	May 5	Oct. 19	April 29	Oct. 4
Weston	Msg	Msg	May 5	Oct. 7	May 10	Sept. 27
Buckhannon	May 4	Sept. 14	May 4	Oct. 7	May 9	Oct. 4
Fairmont	April 17	Oct. 7	May 4	Oct. 19	May 5	Oct. 4
Morgantown	April 17	Nov. 21	May 4	Oct. 19	May 5	Oct. 9
Cairo	April 18	Oct. 7	May 5	Oct. 15	May 7	Oct. 4
Middlebourne	May 4	Oct. 7	May 4	Oct. 15	May 1	Oct. 4
Parkersburg	April 10	Nov. 21	May 4	Oct. 19	April 10	Oct. 4
Wellsburg	April 11	Oct. 29	May 4	Oct. 20	Msg	Oct. 9
N. Cumberland	May 9	Oct. 26	May 4	Oct. 10	May 6	Oct. 9
SOUTHWESTERN & SOUTHERN						
Hogsett	April 11	Nov. 21	May 5	Nov. 11	April 11	Oct. 4
Huntington	April 10	Nov. 21	May 4	Oct. 19	April 4	Oct. 4
Winfield	April 11	Nov. 23	May 5	Msg	May 11	Oct. 14
Charleston	April 10	Nov. 23	May 4	Nov. 13	April 5	Oct. 9
Logan	April 11	Nov. 9	May 4	Nov. 13	Msg	Oct. 22
Kopperston	April 10	Oct. 7	May 4	Oct. 16	April 11	Oct. 3
Union	May 6	Oct. 14	May 5	Oct. 7	May 9	Oct. 2
CENTRAL & NORTHEASTERN						
Beckley	May 4	Oct. 7	May 4	Oct. 7	April 10	Oct. 4
Buckeye	May 4	Sept. 13	May 5	Oct. 7	May 9	Oct. 5
Elkins	May 4	Sept. 14	May 10	Oct. 7	May 9	Oct. 2
Bayard	Msg	Sept. 13	May 10	Msg	May 9	Oct. 5
Wardensville	May 4	Sept. 14	May 4	Oct. 17	April 29	Oct. 5
Kearneysville	May 4	Sept. 14	May 4	Oct. 17	May 5	Oct. 9
Martinsburg	April 10	Oct. 26	April 12	Oct. 11	April 4	Oct. 9

Msg—Indicates available data insufficient to determine date.

Source: National Oceanic Atmospheric Administration, Department of Commerce

MONTHLY AND ANNUAL AVERAGE TEMPERATURES:
By State Divisions and Selected Stations, January-June, 1987

Division & Station	County	January	February	March	April	May	June
				-- Fahrenheit --			
NORTH CENTRAL & NORTHWESTERN							
Creston	Wirt	34.0	38.3	47.4	53.3	68.9	75.4
Glenville	Gilmer	31.0	35.1	45.2	50.5	65.9	72.2
Weston	Lewis	29.2	32.1	42.4	47.7	62.8	69.1
Buckhannon	Upshur	30.0	34.4	44.4	50.2	64.3	70.4
Fairmont	Marion	29.1	33.8	43.4	50.5	63.8	70.3
Morgantown	Monongalia	30.0	33.8	43.5	50.5	63.8	71.0
Cairo	Ritchie	29.5	34.7	44.6	50.3	64.5	71.0
Middlebourne	Tyler	31.1	34.9	44.7	-	64.9	72.6
Parkersburg	Wood	31.0	36.3	45.1	52.2	66.5	72.7
Wellsburg	Brooke	29.9	34.6	43.2	-	-	-
N. Cumberland	Hancock	26.8	30.9	40.2	49.8	62.7	69.6
SOUTHWESTERN & SOUTHERN							
Hogsett	Mason	31.3	35.1	-	50.8	66.9	71.6
Huntington	Cabell	33.2	37.5	47.1	53.4	68.7	73.5
Winfield	Putnam	32.5	36.1	45.7	50.7	64.4	-
Charleston	Kanawha	33.0	37.2	47.0	52.7	68.4	73.5
Logan	Logan	-	-	-	-	-	74.1
Kopperston	Wyoming	31.9	35.7	45.8	47.5	63.9	68.7
Union	Monroe	29.9	32.2	43.2	49.0	64.0	69.1
CENTRAL & NORTHEASTERN							
Beckley	Raleigh	29.6	33.4	42.6	47.6	64.3	68.8
Buckeye	Pocahontas	27.0	28.6	39.0	46.4	62.5	67.2
Elkins	Randolph	27.7	31.3	40.4	47.0	61.3	67.0
Bayard	Grant	25.1	28.4	38.2	45.7	59.4	66.6
Wardensville	Hardy	29.0	31.5	41.0	48.1	62.5	70.8
Kearneysville	Jefferson	30.3	32.9	43.2	50.0	63.0	72.3
Martinsburg	Berkeley	30.4	33.5	44.0	48.9	63.9	73.6

MONTHLY AND ANNUAL TEMPERATURES:
By State Divisions and Selected Stations, July-December, 1987

Division & Station	July	August	September	October	November	December	Annual Average	Average Departure from Normal
				--- Fahrenheit ---				
NORTH CENTRAL & NORTHWESTERN								
Creston	79.8	78.8	70.6	51.9	48.7	40.2	57.3	M
Glenville	76.3	75.0	66.3	48.2	46.1	37.7	54.1	1.3
Weston	72.6	71.3	62.6	49.3	47.2	37.9	52.0	.2
Buckhannon	74.6	73.3	65.2	48.0	46.4	37.5	53.2	1.5
Fairmont	73.7	72.0	65.8	48.6	46.7	36.5	52.9	.5
Morgantown	74.8	72.1	66.0	48.9	47.4	37.2	53.3	.8
Cairo	75.0	73.8	65.6	47.6	47.0	36.1	53.3	M
Middlebourne	76.4	74.4	66.2	49.3	45.9	37.6	54.4 1/	2.2 1/
Parkersburg	76.9	75.7	67.2	49.8	48.7	37.5	55.0	1.4
Wellsburg	75.7	-	65.8	50.5	47.7	37.8	48.2 3/	2.1 3/
N. Cumberland	74.1	69.6	63.0	46.8	44.4	33.9	51.0	-1.7
SOUTHWESTERN & SOUTHERN								
Hogsett	76.1	75.9	67.6	49.2	47.0	37.3	55.3 1/	1.3 1/
Huntington	76.6	77.4	68.9	51.0	49.7	39.2	56.4	1.2
Winfield	-	77.7	68.7	52.0	48.8	39.2	51.6 2/	1.0 2/
Charleston	77.1	77.0	67.1	50.3	49.0	39.8	56.0	1.2
Logan	77.6	77.3	69.5	51.9	49.6	40.9	63.0 4/	M
Kopperston	72.3	73.5	63.9	46.2	45.9	36.9	52.7	M
Union	72.8	73.6	64.8	48.1	44.8	38.9	52.5	1.7
CENTRAL & NORTHEASTERN								
Beckley	72.7	72.8	64.0	48.4	46.4	37.6	52.4	1.4
Buckeye	71.4	70.0	62.2	44.8	42.1	34.0	49.6	M
Elkins	71.6	69.5	62.1	45.2	43.2	34.4	50.1	.7
Bayard	70.6	67.2	60.5	44.3	41.5	33.1	48.4	1.4
Wardensville	76.3	72.7	65.6	48.1	45.1	37.2	52.3	.9
Kearneysville	77.1	72.5	66.2	48.5	46.1	38.3	53.4	.7
Martinsburg	78.8	74.7	67.5	49.0	46.3	38.0	54.1	.8

M—Missing
1/ Average temperature and departure from normal for 11 months.
2/ Average temperature and departure from normal for 10 months.
3/ Average temperature and departure from normal for 8 months.
4/ Average temperature and departure from normal for 7 months.

SOURCE: National Oceanic Atmospheric Administration, Department of Commerce

MONTHLY AND ANNUAL PRECIPITATION:
By State Divisions and Selected Stations, January-June, 1987

Division & Station	County	January	February	March	April	May	June
				--- Inches ---			
NORTH CENTRAL & NORTHWESTERN							
Creston	Wirt	2.49	1.76	1.90	3.89	1.22	2.11
Glenville	Gilmer	2.14	1.82	1.58	5.34	1.62	2.44
Weston	Lewis	3.26	1.65	1.65	4.08	2.47	3.27
Buckhannon	Upshur	5.04	2.35	1.42	4.76	1.43	2.95
Fairmont	Marion	2.49	.85	1.26	4.63	4.00	3.36
Morgantown	Monongalia	2.18	.78	1.50	4.71	5.27	7.05
Cairo	Ritchie	2.39	1.44	2.55	4.48	1.55	2.53
Middlebourne	Tyler	2.38	.99	2.64	5.53	3.10	2.28
Parkersburg	Wood	1.56	1.62	2.12	4.03	1.89	2.19
Wellsburg	Brooke	.89	.00	M	M	4.18	M
N. Cumberland	Hancock	1.76	.46	3.34	4.85	2.70	4.57
SOUTHWESTERN & SOUTHERN							
Hogsett	Mason	3.28	2.23	M	4.47	3.75	2.62
Huntington	Cabell	2.52	3.32	2.44	4.78	3.59	2.56
Winfield	Putnam	2.39	1.87	2.18	5.36	1.57	4.64
Charleston	Kanawha	3.23	3.34	1.30	4.05	2.49	3.38
Logan	Logan	M	M	M	M	M	4.39
Kopperston	Wyoming	3.33	2.93	2.00	5.31	1.25	2.99
Union	Monroe	3.74	2.90	3.47	8.06	1.69	2.15
CENTRAL & NORTHEASTERN							
Beckley	Raleigh	3.24	3.59	1.93	7.63	2.47	4.16
Buckeye	Pocahontas	3.74	3.15	3.92	6.09	4.06	2.63
Elkins	Randolph	4.00	2.95	1.50	3.94	3.88	2.97
Bayard	Grant	3.88	1.76	2.06	5.38	3.54	4.60
Wardensville	Hardy	2.84	1.73	1.70	6.66	2.25	4.36
Kearneysville	Jefferson	3.41	1.54	1.80	6.02	2.93	4.03
Martinsburg	Berkeley	3.97	1.90	1.42	5.89	4.23	4.11

MONTHLY AND ANNUAL PRECIPITATION:
By State Divisions and Selected Stations, July-December, 1987

Division & Station	July	August	September	October	November	December	Annual Total	Departure from Normal
				--- Inches ---				
NORTH CENTRAL & NORTHWESTERN								
Creston	1.89	3.73	5.22	1.86	2.89	3.87	32.83	-11.02
Glenville	4.67	4.33	3.11	1.53	3.20	3.19	34.97	- 8.09 1/
Weston	2.94	5.76	3.21	1.70	3.31	3.50	36.80	-13.59
Buckhannon	1.88	3.81	4.29	1.37	2.85	3.48	35.63	-12.81 1/
Fairmont	3.16	5.41	2.90	1.92	2.78	2.18	34.94	- 8.31
Morgantown	3.16	3.30	2.75	1.94	2.11	3.20	37.95	- 2.64
Cairo	3.10	3.65	4.37	1.96	3.35	3.65	35.02	M
Middlebourne	2.51	5.28	4.70	1.77	3.78	3.45	37.41	- 5.80
Parkersburg	1.28	3.68	2.10	1.30	2.22	3.25	27.24	-13.43
Wellsburg	3.21	M	3.14	1.43	2.11	2.03	16.99 2/	- 2.29 4/
N. Cumberland	2.62	5.05	4.15	1.17	2.47	2.00	35.14	- 2.11
SOUTHWESTERN & SOUTHERN								
Hogsett	1.82	1.81	2.79	.72	1.94	4.07	29.50 1/	- 6.92 1/
Huntington	3.12	1.19	2.08	.55	2.51	4.82	33.48	- 7.26
Winfield	3.25	2.75	5.29	.87	2.17	4.24	36.58	- 3.40 1/
Charleston	4.23	3.56	3.89	1.10	2.71	4.13	37.41	- 5.02
Logan	3.26	2.80	4.69	1.27	2.56	2.18	21.15 3/	M
Kopperston	3.85	1.46	3.62	1.73	1.03	4.98	34.48	M
Union	3.15	1.61	2.69	1.31	3.07	2.25	36.09	.57
CENTRAL & NORTHEASTERN								
Beckley	1.66	3.77	2.80	1.29	1.69	4.27	38.50	- 3.63
Buckeye	2.89	2.01	7.73	1.38	3.48	4.52	45.60	1.79
Elkins	1.31	4.29	5.69	1.51	3.18	3.54	38.76	- 4.09
Bayard	1.92	6.02	6.70	1.55	2.49	3.27	43.17	- 4.65
Wardensville	1.42	2.24	7.77	1.44	2.98	1.94	37.33	2.00 1/
Kearneysville	3.57	1.82	5.33	1.86	3.58	2.18	38.07	- .12
Martinsburg	1.86	2.37	5.07	1.66	3.40	2.43	38.31	1.87

M—Missing

1/ Total precipitation and/or departure from normal for 11 months.

2/ Departure from normal for 8 months.

3/ Departure from normal for 7 months.

4/ Departure from normal for 4 months.

SOURCE: National Oceanic Atmospheric Administration, Department of Commerce.

FIELD CROP SUMMARY

West Virginia had 741,000 acres of principal crops planted and 732,000 acres of principal crops harvested in 1987, both up 7 percent from 1986. Principal crops in West Virginia include corn, oats, wheat, all hay, and tobacco. All hay and corn accounted for 86 percent and 11 percent of 1987 acres harvested of principal crops in West Virginia.

All Hay. All hay production in West Virginia was estimated at 994,000 tons in 1987, down from 801,000 tons in 1986. Yield of all hay averaged 1.58 tons per acre in 1987, compared to 1.41 tons per acre in 1986. Area harvested of all hay in 1987 was 630,000 acres, up 11 percent from 1986.

Hay conditions in 1987 were fair to good until the middle of July when lack of moisture caused pasture to deteriorate to poor to very poor condition throughout the last half of the summer. Hay was harvested at near normal pace for the first half of the season and slowed to below normal pace from midsummer to the end of the year.

Alfalfa and Alfalfa Mixtures. Alfalfa hay production in 1987 totaled 224,000 tons, down only 1,000 tons from 1986. Yield per acre averaged 2.80 tons per acre in 1987, compared to 2.50 tons per acre in 1986. Area harvested was 80,000 acres, down 11 percent from 1986.

All Other Hay. All other hay production in West Virginia totaled 770,000 tons in 1987, up from 576,000 tons in 1986. Yield per acre of all other hay in West Virginia was 1.40 tons per acre, up from 1.20 tons per acre in 1986. Area harvested was 550,000 acres in 1987, up 15 percent from 1986.

Corn. Corn growers in West Virginia planted 85,000 acres of corn in 1987, down 11 percent from 1986.

Corn for grain production was estimated at 3,600,000 bushels in West Virginia for 1987, down sharply from 6,300,000 bushels in 1986. Yield was 72.0 bushels per acre in 1987, down 18 bushels per acre from 1986. The corn area harvested for grain was 50,000 acres in 1987, down from 70,000 acres in 1986.

Corn cut for silage was 31,000 acres in 1987, compared to 22,000 acres cut for silage in 1986. The average yield per acre of corn cut for silage was 11.5 tons per acre in 1987, down from 14.0 tons per acre in 1986.

Corn planting for 1987 lagged behind 1986 due to wet soil conditions. The crop was in fair to good condition throughout most of the growing season of 1987, with some parts of the crop rating poor near the end of the year due to lack of moisture. Harvest progressed near the same pace as in 1986.

Winter Wheat. Production of winter wheat in West Virginia was 495,000 bushels, up nearly 100,000 bushels from 1986. Yield averaged 45.0 bushels per acre in 1987, up from 44.0 bushels per acre in 1986. Winter wheat area harvested in West Virginia was 11,000 acres, a 2,000-acre increase from 1986.

West Virginia's winter wheat crop was in mostly fair to good condition throughout the 1987 growing season. Harvest progressed at near normal pace and was virtually complete by August 1.

Oats. Production of oats in West Virginia for 1987 was estimated at 400,000 bushels, down 20 percent from 1986 production. Oats planted area was 13,000 acres in 1987, down from 17,000 acres planted in 1986. The oats area harvested was 8,000 acres in 1987, a decrease of 2,000 acres from 1986. The oats yield in 1987 was 50.0 bushels per acre, unchanged from 1986.

Planting of oats in West Virginia in 1987 progressed at nearly the same pace as 1986, being completed by June 1. The oats crop progressed in mostly fair to good condition throughout the growing season and harvest was completed by the last week in August.

Tobacco (Burley). Burley tobacco production in West Virginia was 2,520,000 pounds in 1987, down from 2,640,000 pounds in 1986. Tobacco producers harvested 1,800 acres of burley tobacco in 1987, down 12 percent from 1986. Yield per acre for burley tobacco producers in West Virginia averaged 1,400 pounds in 1987, down 15 percent from 1986.

Tobacco beds in West Virginia were set by the end of June for the 1987 crop year, which was near the previous year's pace. The crop progressed in mostly fair to good condition until the middle of July when lack of moisture caused the crop condition to become poor to very poor. This led to lower yields than the 1986 crop.

HAY: Acreage, Yield and Production, By Kinds, 1978-1987

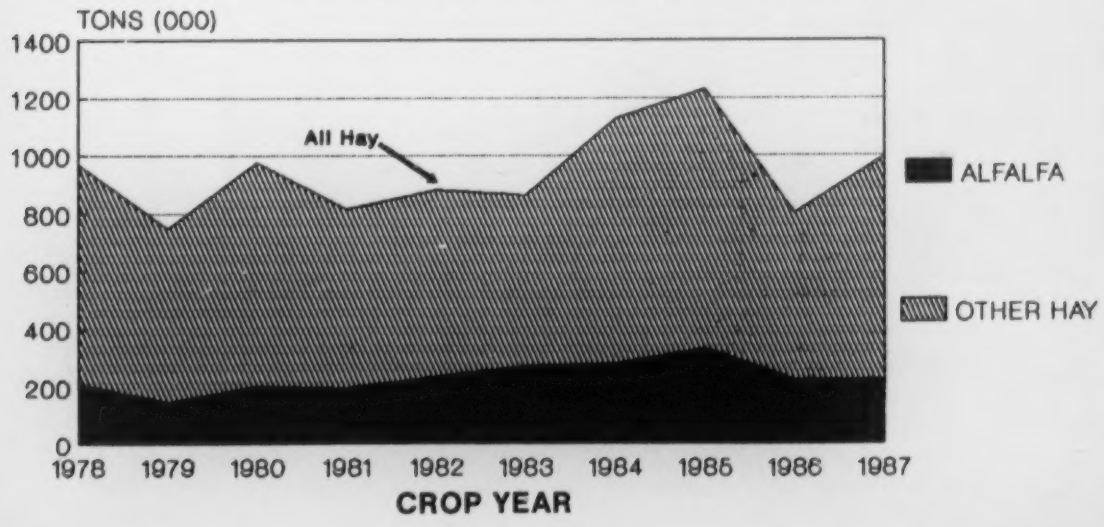
Year	Alfalfa & Alfalfa Mixtures			All Other Hay		
	Acreage	Yield Per Acre	Production	Acreage	Yield Per Acre	Production
	-- (000) Acres --	-- Tons --	-- (000) Tons --	--(000) Acres --	-- Tons --	-- (000) Tons --
1978	90	2.35	212	505	1.50	758
1979	85	1.75	149	500	1.20	600
1980	80	2.55	204	515	1.50	773
1981	80	2.45	196	540	1.15	621
1982	90	2.60	234	540	1.20	648
1983	100	2.70	270	540	1.10	594
1984	100	2.80	280	530	1.60	848
1985	110	3.00	330	500	1.80	900
1986	90	2.50	225	480	1.20	576
1987	80	2.80	224	550	1.40	770

ALL HAY: Acreage, Yield, Production and Value, 1978-1987

Year	Acreage Harvested	Production		Avg. Price Per Ton	Value of Production
		Yield Per Acre	Total		
	-- (000) Acres --	-- Tons --	-- (000) Tons --	-- Dollars --	-- (000) Dollars --
1978	595	1.63	970	46.50	45,105
1979	585	1.28	749	50.50	37,825
1980	595	1.64	977	61.00	59,597
1981	620	1.32	817	63.00	51,471
1982	630	1.40	882	64.00	56,448
1983	640	1.35	864	71.00	61,344
1984	630	1.79	1,128	70.00	78,960
1985	610	2.02	1,230	60.00	73,800
1986	570	1.41	801	55.00	44,055
1987	630	1.58	994	58.00	57,652

WEST VIRGINIA HAY

PRODUCTION BY KINDS AND TOTAL, 1978-1987



ON FARM HAY STOCKS: January 1 and May 1, 1978-1987

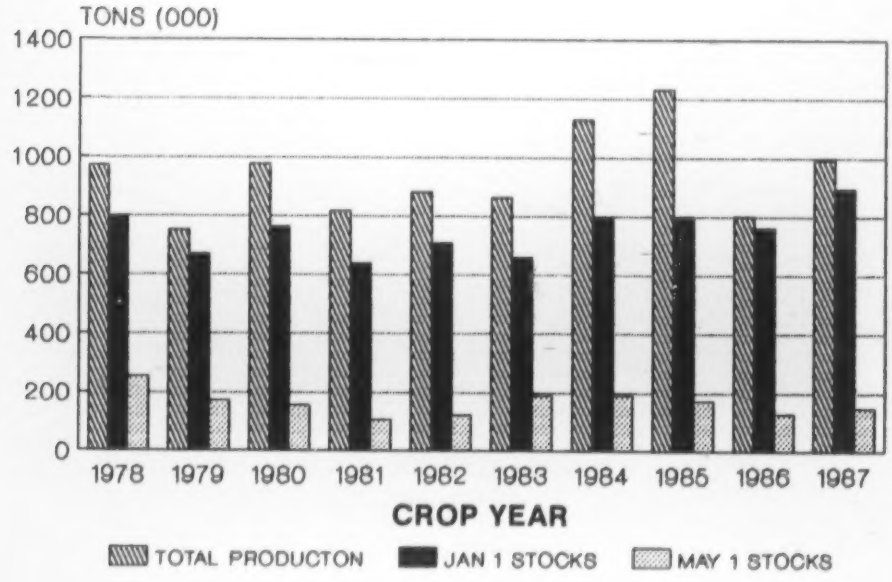
Crop Year	On Farm Hay Stocks 1/	
	January 1 2/	May 1
	--- (000) Tons ---	
1978	795	252
1979	667	172
1980	762	156
1981	637	106
1982	706	123
1983	657	190
1984	790	192
1985	800	172
1986	761	128
1987	895	149

1/ Stored during the following year.

2/ Survey date changed to December 1, beginning in 1986.

WEST VIRGINIA HAY

PRODUCTION AND STOCKS, 1978-1987

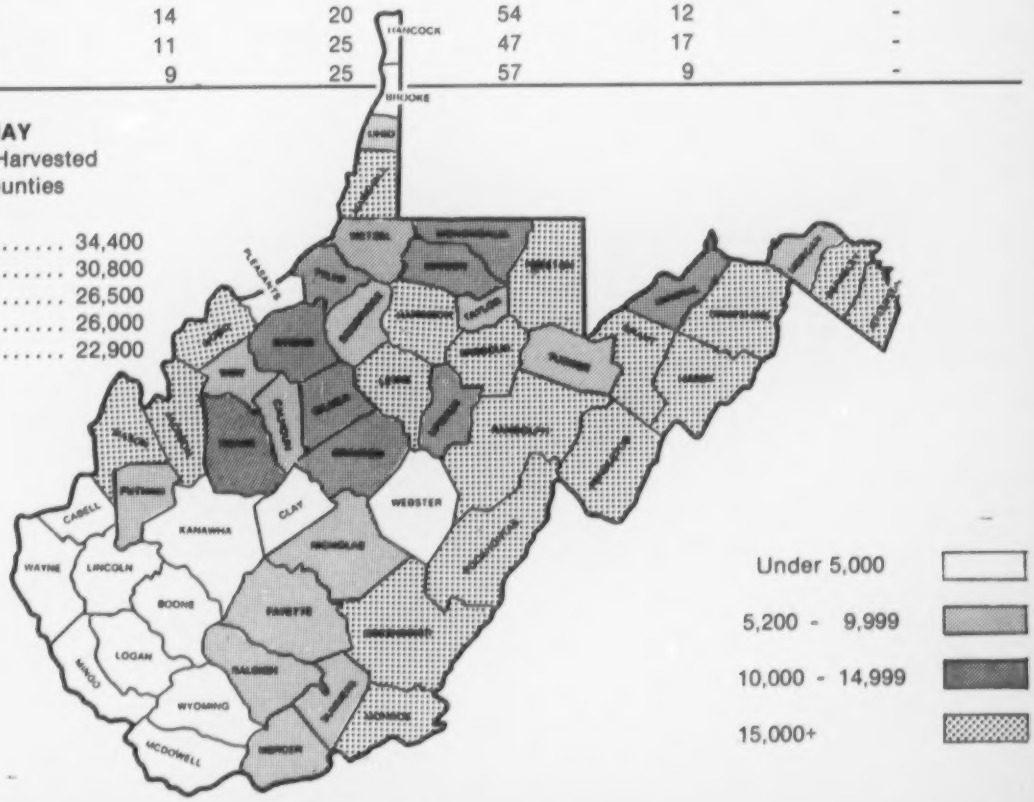


HAY: Crop Condition, May-October, 1987

Week Ending	Very Poor	Poor	Fair	Good	Excellent
			--- Percent ---		
May 3	-	11	44	45	-
10	-	9	63	28	-
17	-	11	55	34	-
24	-	6	44	50	-
31	-	5	35	53	7
June 7	-	-	43	46	11
14	-	-	44	56	-
21	-	-	33	60	7
28	-	6	44	47	3
July 5	-	-	38	62	-
12	-	6	47	41	6
19	-	11	39	50	-
26	11	11	50	28	-
Aug. 2	17	21	48	14	-
9	16	33	42	9	-
16	31	24	36	9	-
23	48	26	24	2	-
30	40	38	17	5	-
Sept. 6	33	41	21	5	-
13	27	34	34	5	-
20	14	39	33	14	-
27	17	28	47	8	-
Oct. 4	8	24	54	14	-
11	14	20	54	12	-
18	11	25	47	17	-
25	9	25	57	9	-

ALL HAY
1987 Acres Harvested
Top 5 Counties

Preston	34,400
Greenbrier	30,800
Monroe	26,500
Harrison	26,000
Pendleton	22,900



ALL HAY: Acreage, Yield and Production, By Counties, 1986-1987

County	1986			1987		
	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production
	-- Acres --		-- Tons --	-- Acres --		-- Tons --
Barbour	17,000	1.4	23,800	20,400	1.4	29,500
Brooke	3,300	1.4	4,600	3,400	1.9	6,300
Doddridge	7,300	1.2	8,800	9,100	1.3	12,200
Hancock	2,100	1.7	3,600	2,250	1.9	4,200
Harrison	22,500	1.3	28,300	26,000	1.8	45,800
Lewis	15,500	1.4	21,700	17,100	1.5	24,800
Marion	10,500	1.4	14,800	11,700	1.6	18,800
Marshall	15,300	1.3	20,400	15,900	1.8	27,900
Monongalia	12,000	1.3	15,800	13,400	1.4	18,900
Ohio	7,200	1.5	10,500	6,900	1.7	11,800
Pleasants	2,600	1.3	3,500	3,300	1.8	5,800
Preston	32,500	1.6	50,800	34,400	1.9	65,900
Ritchie	13,000	1.6	21,400	14,950	1.6	23,200
Taylor	8,200	1.5	12,500	9,500	1.9	18,300
Tyler	11,000	1.6	17,700	12,150	2.0	24,800
Upshur	13,400	1.6	20,800	14,450	1.5	21,700
Wetzel	6,400	1.2	7,500	7,700	1.2	8,900
Wood	14,200	1.5	20,700	16,400	1.5	24,200
NORTHWEST	214,000	1.4	307,200	239,000	1.6	393,000
Boone	280	1.4	400	250	1.2	300
Braxton	13,400	1.2	16,000	14,750	1.4	20,300
Cabell	4,300	1.6	6,700	4,400	1.8	7,900
Calhoun	5,400	1.6	8,600	6,150	1.7	10,400
Clay	2,400	1.5	3,500	2,450	1.6	3,900
Fayette	6,100	1.5	9,300	6,600	1.5	9,900
Gilmer	9,300	1.3	12,000	10,100	1.2	12,200
Jackson	18,500	1.3	24,700	19,600	1.5	28,600
Kanawha	2,900	1.6	4,500	3,000	1.7	5,000
Lincoln	1,900	1.2	2,300	2,100	1.4	3,000
Logan	170	1.8	300	150	1.3	200
McDowell	25	2.0	50	-	-	-
Mason	18,500	1.4	25,700	20,400	1.6	32,800
Mercer	8,300	1.4	11,400	8,050	1.4	11,500
Mingo	25	2.0	50	50	2.0	100
Nicholas	7,600	1.4	10,300	8,600	1.5	13,100
Putnam	7,800	1.3	10,000	8,200	1.5	12,400
Raleigh	6,700	1.4	9,200	6,900	1.7	11,700
Roane	13,700	1.5	20,100	14,900	1.7	25,900
Wayne	3,000	1.5	4,500	2,950	1.6	4,800
Webster	2,100	1.5	3,200	2,100	1.4	2,900
Wirt	7,000	1.5	10,700	7,600	1.3	10,100
Wyoming	600	1.2	700	700	1.4	1,000
SOUTHWEST	140,000	1.4	194,200	150,000	1.5	228,000
Berkeley	16,000	1.6	25,300	18,200	1.7	31,700
Grant	14,300	1.1	15,900	15,300	1.2	19,100
Greenbrier	26,700	1.4	36,700	30,800	1.6	48,100
Hampshire	19,000	1.2	22,500	22,200	1.4	30,700
Hardy	13,600	1.5	20,000	16,000	1.6	26,100
Jefferson	15,800	1.7	27,300	17,400	2.0	34,400
Mineral	12,500	1.5	19,000	13,700	1.5	20,000
Monroe	24,600	1.4	34,400	26,500	1.5	40,200
Morgan	4,400	1.3	5,700	5,300	1.1	5,700
Pendleton	21,100	1.4	29,100	22,900	1.6	35,800
Pocahontas	18,400	1.4	25,600	18,900	1.5	27,600
Randolph	15,500	1.2	19,000	18,400	1.6	30,200
Summers	8,000	1.4	11,000	8,700	1.5	12,700
Tucker	6,100	1.3	8,100	6,700	1.6	10,700
EAST	216,000	1.4	299,600	241,000	1.5	373,000
STATE	570,000	1.4	801,000	630,000	1.6	994,000

ALFALFA HAY: Acreage, Yield and Production, By Counties, 1986-1987

County	1986			1987		
	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production
	-- Acres --		-- Tons --	-- Acres --		-- Tons --
Barbour	1,700	2.1	3,500	1,400	2.4	3,300
Brooke	1,700	1.8	3,000	1,400	2.4	3,400
Doddridge	700	1.6	1,100	600	2.2	1,300
Hancock	800	2.1	1,700	750	2.8	2,100
Harrison	2,100	2.1	4,400	2,200	2.8	6,100
Lewis	1,100	2.1	2,300	1,100	2.5	2,800
Marion	700	2.0	1,400	700	2.1	1,500
Marshall	4,000	2.3	9,100	3,400	2.8	9,500
Monongalia	2,200	2.7	6,000	1,900	2.8	5,300
Ohio	4,000	1.8	7,300	3,700	1.9	7,100
Pleasants	300	2.3	700	400	2.5	1,000
Preston	6,800	3.3	22,500	6,400	3.4	21,900
Ritchie	900	2.9	2,600	750	3.1	2,300
Taylor	800	2.1	1,700	800	2.6	2,100
Tyler	900	3.2	2,900	750	3.2	2,400
Upshur	600	1.7	1,000	650	2.2	1,400
Wetzel	900	1.8	1,600	900	2.4	2,200
Wood	1,300	1.8	2,400	1,200	2.8	3,300
NORTHWEST	31,500	2.4	75,200	29,000	2.7	79,000
Boone	100	2.0	200	50	2.0	100
Braxton	700	1.9	1,300	650	2.5	1,600
Cabell	600	3.2	1,900	600	3.2	1,900
Calhoun	550	2.0	1,100	450	2.0	900
Clay	250	2.4	600	250	2.4	600
Fayette	1,300	2.5	3,200	900	2.6	2,300
Gilmer	600	1.7	1,000	600	2.0	1,200
Jackson	2,200	2.0	4,400	1,700	2.0	3,400
Kanawha	200	1.5	300	200	2.0	400
Lincoln	300	1.7	500	200	2.5	500
Logan	100	2.0	200	50	2.0	100
Mason	3,300	2.9	9,700	2,900	3.2	9,400
Mercer	1,200	2.8	3,400	950	2.8	2,700
Nicholas	1,300	1.9	2,500	1,000	2.4	2,400
Putnam	600	2.3	1,400	600	2.8	1,700
Raleigh	1,300	1.9	2,500	1,100	2.4	2,600
Roane	1,600	2.3	3,700	1,400	2.5	3,500
Wayne	600	2.5	1,500	450	2.4	1,100
Webster	250	1.6	400	200	2.0	400
Wirt	800	3.5	2,800	700	3.0	2,100
Wyoming	50	2.0	100	50	2.0	100
SOUTHWEST	17,900	2.4	42,700	15,000	2.6	39,000
Berkeley	4,800	2.9	13,800	4,300	3.4	14,800
Grant	1,600	1.8	2,900	1,500	2.3	3,400
Greenbrier	4,800	3.0	14,300	4,400	3.2	13,900
Hampshire	1,700	2.1	3,500	1,700	2.4	4,100
Hardy	1,800	2.7	4,800	1,500	3.3	4,900
Jefferson	4,900	3.3	16,100	4,700	3.6	16,900
Mineral	3,200	3.0	9,500	2,400	3.4	8,100
Monroe	5,300	2.4	12,800	4,800	2.5	12,000
Morgan	300	2.3	700	300	2.7	800
Pendleton	3,700	2.0	7,500	3,400	2.6	8,900
Pocahontas	3,700	2.4	8,900	2,800	2.4	6,700
Randolph	2,100	2.6	5,500	1,800	2.6	4,600
Summers	1,400	3.1	4,300	1,200	3.5	4,200
Tucker	1,300	1.9	2,500	1,200	2.3	2,700
EAST	40,600	2.6	107,100	36,000	2.9	106,000
STATE	90,000	2.5	225,000	80,000	2.8	224,000

OTHER HAY: Acreage, Yield and Production, By Counties, 1986-1987

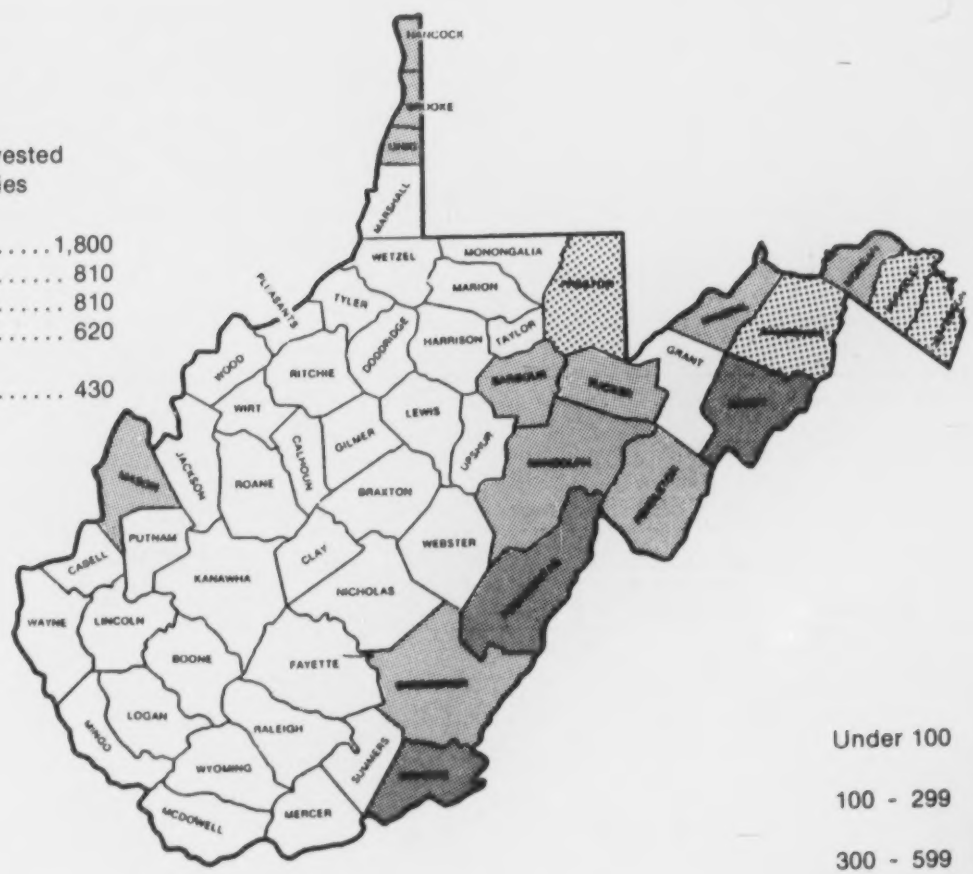
County	1986			1987		
	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production
	-- Acres --		-- Tons --	-- Acres --		-- Tons --
Barbour	15,300	1.3	20,300	19,000	1.4	26,200
Brooke	1,600	1.0	1,600	2,000	1.5	2,900
Doddridge	6,600	1.2	7,700	8,500	1.3	10,900
Hancock	1,300	1.5	1,900	1,500	1.4	2,100
Harrison	20,400	1.2	23,900	23,800	1.7	39,700
Lewis	14,400	1.3	19,400	16,000	1.4	22,000
Marion	9,800	1.4	13,400	11,000	1.6	17,300
Marshall	11,300	1.0	11,300	12,500	1.5	18,400
Monongalia	9,800	1.0	9,800	11,500	1.2	13,600
Ohio	3,200	1.0	3,200	3,200	1.5	4,700
Pleasants	2,300	1.2	2,800	2,900	1.7	4,800
Preston	25,700	1.1	28,300	28,000	1.6	44,000
Ritchie	12,100	1.6	18,800	14,200	1.5	20,900
Taylor	7,400	1.5	10,800	8,700	1.9	16,200
Tyler	10,100	1.5	14,800	11,400	2.0	22,400
Upshur	12,800	1.5	19,800	13,800	1.5	20,300
Wetzel	5,500	1.1	5,900	6,800	1.0	6,700
Wood	12,900	1.4	18,300	15,200	1.4	20,900
NORTHWEST	182,500	1.3	232,000	210,000	1.5	314,000
Boone	180	1.1	200	200	1.0	200
Braxton	12,700	1.2	14,700	14,100	1.3	18,700
Cabell	3,700	1.3	4,800	3,800	1.6	6,000
Calhoun	4,850	1.5	7,500	5,700	1.7	9,500
Clay	2,150	1.3	2,900	2,200	1.5	3,300
Fayette	4,800	1.3	6,100	5,700	1.3	7,600
Gilmer	8,700	1.3	11,000	9,500	1.2	11,000
Jackson	16,300	1.2	20,300	17,900	1.4	25,200
Kanawha	2,700	1.6	4,200	2,800	1.6	4,600
Lincoln	1,600	1.1	1,800	1,900	1.3	2,500
Logan	70	1.4	100	100	1.0	100
McDowell	25	2.0	50	-	-	-
Mason	15,200	1.1	16,000	17,500	1.3	23,400
Mercer	7,100	1.1	8,000	7,100	1.2	8,800
Mingo	25	2.0	50	50	2.0	100
Nicholas	6,300	1.2	7,800	7,600	1.4	10,700
Putnam	7,200	1.2	8,600	7,600	1.4	10,700
Raleigh	5,400	1.2	6,700	5,800	1.6	9,100
Roane	12,100	1.4	16,400	13,500	1.7	22,400
Wayne	2,400	1.3	3,000	2,500	1.5	3,700
Webster	1,850	1.5	2,800	1,900	1.3	2,500
Wirt	6,200	1.3	7,900	6,900	1.2	8,000
Wyoming	550	1.1	600	650	1.4	900
SOUTHWEST	122,100	1.2	151,500	135,000	1.4	189,000
Berkeley	11,200	1.0	11,500	13,900	1.2	16,900
Grant	12,700	1.0	13,000	13,800	1.1	15,700
Greenbrier	21,900	1.0	22,400	26,400	1.3	34,200
Hampsnire	17,300	1.1	19,000	20,500	1.3	26,600
Hardy	11,800	1.3	15,200	14,500	1.5	21,200
Jefferson	10,900	1.0	11,200	12,700	1.4	17,500
Mineral	9,300	1.0	9,500	11,300	1.1	11,900
Monroe	19,300	1.1	21,600	21,700	1.3	28,200
Morgan	4,100	1.2	5,000	5,000	1.0	4,900
Pendleton	17,400	1.2	21,600	19,500	1.4	26,900
Pocahontas	14,700	1.1	16,700	16,100	1.3	20,900
Randolph	13,400	1.0	13,500	16,600	1.5	25,600
Summers	6,600	1.0	6,700	7,500	1.1	8,500
Tucker	4,800	1.2	5,600	5,500	1.5	8,000
EAST	175,400	1.1	192,500	205,000	1.3	267,000
STATE	480,000	1.2	576,000	550,000	1.4	770,000

OATS: Acreage, Yield, Production and Value, 1978-1987

Year	Acreage		Yield	Production and Value		
	Planted	Harvested For Grain	Per Acre	Production	Avg. Price Per Bushel	Value
	-- (000) Acres --		-- Bu. --	-- (000) Bu. --	-- Dollars --	-- (000) Dollars --
1978	18	12	42.0	504	1.15	580
1979	16	11	51.0	561	1.35	826
1980	13	10	49.0	490	1.70	916
1981	14	11	52.0	572	1.90	1,174
1982	16	10	51.0	510	1.50	765
1983	14	9	52.0	468	1.65	772
1984	11	8	51.0	408	1.75	714
1985	14	8	61.0	488	1.20	586
1986	17	10	50.0	500	1.00	500
1987	13	8	50.0	400	1.45	580

OATS
1987 Acres Harvested
Top 7 Counties

Preston 1,800
Berkeley 810
Jefferson 810
Hampshire 620
Hardy, Monroe,
Pocahontas 430



OATS: Acreage, Yield and Production, By Counties, 1986-1987

County	1986				1987			
	Planted	Harvested for Grain	Yield Per Harvested Acre	Production	Planted	Harvested for Grain	Yield Per Harvested Acre	Production
	-- Acres --		-- Bushels --		-- Acres --		-- Bushels --	
Barbour	230	130	48.0	6,300	230	130	50.0	6,500
Brooke	350	200	50.0	9,900	300	170	50.0	8,500
Hancock	300	170	49.0	8,400	190	120	51.5	6,200
Marshall	200	120	49.0	5,900	150	90	50.0	4,500
Monongalia	100	60	50.0	3,000	80	50	50.5	2,500
Ohio	410	230	52.0	12,000	300	180	50.0	9,000
Preston	3,600	2,100	49.0	102,000	2,700	1,800	52.5	94,800
Wood	-	-	-	-	80	50	50.5	2,500
Other 1/	310	190	50.0	9,500	170	110	50.0	5,500
NORTHWEST	5,500	3,200	49.0	157,000	4,200	2,700	52.0	140,000
Fayette	150	100	54.0	5,400	150	80	40.0	3,200
Mason	700	430	53.0	23,000	550	230	52.0	12,000
Mercer	-	-	-	-	60	40	45.0	1,800
Nicholas	140	80	54.0	4,300	120	70	50.0	3,500
Putnam	140	80	54.0	4,300	140	70	50.0	3,500
Other 1/	370	210	52.0	11,000	180	110	45.5	5,000
SOUTHWEST	1,500	900	53.0	48,000	1,200	600	48.5	29,000
Berkeley	1,700	1,000	49.0	49,200	1,300	810	50.5	41,000
Grant	190	110	49.0	5,400	150	90	50.0	4,500
Greenbrier	580	340	51.0	17,300	300	190	50.0	9,500
Hampshire	1,220	720	51.0	37,000	1,000	620	48.5	30,000
Hardy	800	470	51.0	24,000	700	430	51.0	22,000
Jefferson	1,700	1,000	52.0	52,000	1,300	810	49.5	40,000
Mineral	340	200	49.0	9,700	250	150	46.5	7,000
Morgan	420	250	48.0	12,000	350	220	47.5	10,500
Pendleton	460	270	50.0	13,500	300	190	50.0	9,500
Pocahontas	870	500	49.0	24,400	700	430	49.0	21,000
Randolph	330	200	48.0	9,600	250	150	46.0	6,900
Summers	160	100	48.0	4,800	120	70	44.5	3,100
Tucker	230	140	47.0	6,600	180	110	45.5	5,000
EAST	10,000	5,900	50.0	295,000	7,600	4,700	49.0	231,000
STATE	17,000	10,000	50.0	500,000	13,000	8,000	50.0	400,000

1/ Counties with less than 50 acres planted not shown separately.

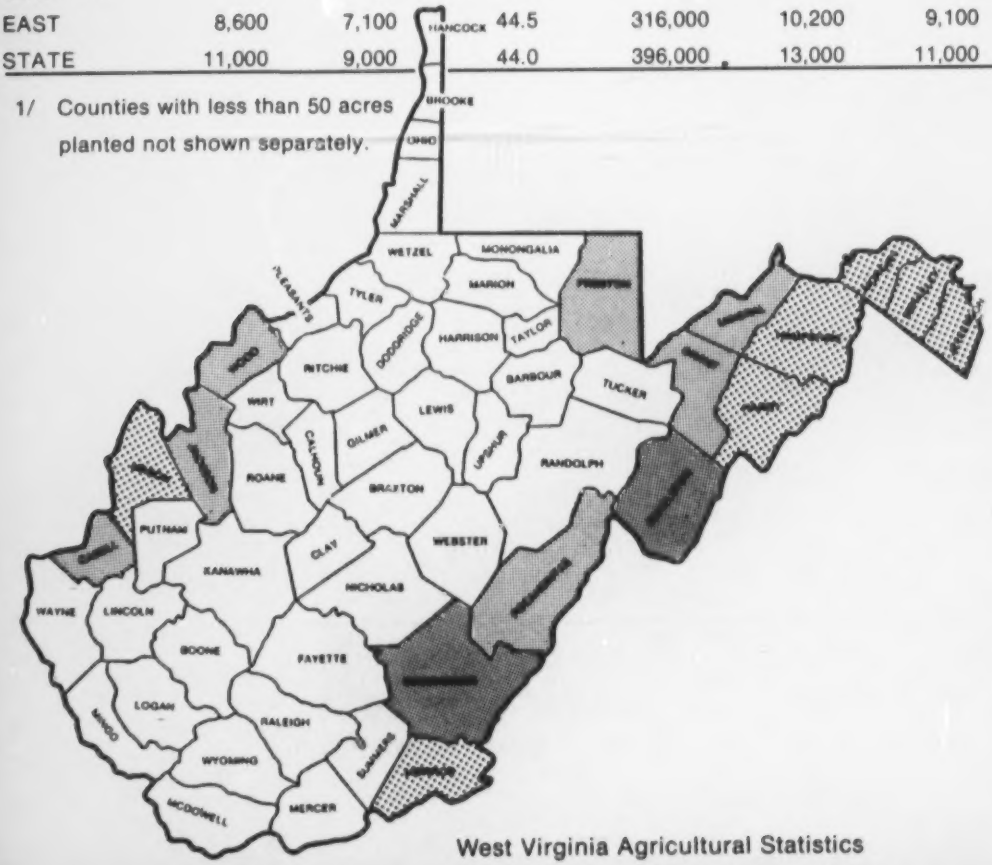
WHEAT: Acreage, Production and Value, 1978-1987

Year	Acreage		Yield Per Acre	Production and Value		
	Planted	Harvested For Grain		Production	Avg. Price Per Bushel	Value
	-- (000) Acres --		-- Bu. --	-- (000) Bu. --	-- Dollars --	-- (000) Dollars --
1978	11	9	33.0	297	3.00	891
1979	12	10	34.0	340	4.00	1,360
1980	12	10	38.0	380	4.00	1,368
1981	11	9	36.0	324	3.65	1,314
1982	11	9	35.0	315	3.35	1,055
1983	11	9	42.0	378	3.45	1,304
1984	12	10	40.0	400	3.35	1,340
1985	10	8	43.0	344	2.95	1,015
1986	11	9	44.0	396	2.40	950
1987	13	11	45.0	495	2.45	1,213

WHEAT: Acreage, Yield and Production, By Counties, 1986-1987

County	1986				1987			
	Planted	Harvested for Grain	Yield Per Harvested Acre	Production	Planted	Harvested for Grain	Yield Per Harvested Acre	Production
	-- Acres --		-- Bushels --		-- Acres --		-- Bushels --	
Barbour	60	50	44.0	2,200	70	40	45.0	1,800
Brooke	-	-	-	-	50	40	45.0	1,800
Hancock	100	80	39.0	3,100	100	80	45.0	3,600
Lewis	60	50	42.0	2,100	60	50	46.0	2,300
Ohio	60	50	38.0	1,900	60	40	45.0	1,800
Preston	120	100	46.0	4,600	120	100	45.0	4,500
Wood	280	240	49.0	11,800	350	250	48.0	12,000
Other 1/	220	130	45.0	5,800	190	100	46.0	4,600
NORTHWEST	900	700	45.0	31,500	1,000	700	46.5	32,400
Cabell	320	270	36.0	9,800	320	200	45.0	9,000
Jackson	180	160	36.0	5,700	250	150	44.5	6,700
Mason	770	660	44.0	29,000	950	700	47.0	32,900
Nicholas	-	-	-	-	50	40	40.0	1,600
Putnam	-	-	-	-	50	30	40.0	1,200
Other 1/	230	110	36.0	4,000	180	80	40.0	3,200
SOUTHWEST	1,500	1,200	40.4	48,500	1,800	1,200	45.5	34,600
Berkeley	1,400	1,100	49.0	54,000	1,600	1,350	44.5	60,400
Grant	210	170	44.0	7,500	230	220	45.0	9,900
Greenbrier	330	270	46.0	12,500	450	400	45.0	18,000
Hampshire	600	520	39.0	20,500	650	600	45.0	27,000
Hardy	950	850	45.0	38,000	1,200	1,000	45.0	45,000
Jefferson	2,800	2,300	48.0	110,500	3,500	3,300	45.0	148,500
Mineral	180	130	42.0	5,500	210	180	43.0	7,700
Monroe	760	630	38.0	24,000	750	630	45.0	28,400
Morgan	680	570	37.0	21,000	800	750	44.5	33,300
Pendleton	440	370	41.0	15,000	500	410	45.0	18,500
Pocahontas	120	90	39.0	3,500	150	130	45.5	5,900
Summers	100	80	40.0	3,200	110	90	40.0	3,600
Other 1/	30	20	40.0	800	50	40	45.0	1,800
EAST	8,600	7,100	44.5	316,000	10,200	9,100	45.0	408,000
STATE	11,000	9,000	44.0	396,000	13,000	11,000	45.0	495,000

1/ Counties with less than 50 acres planted not shown separately.



WHEAT
1987 Acres Harvested
Top 5 Counties

Jefferson 3,300
Berkeley 1,350
Hardy.....1,000
Morgan 750
Mason 700

Under 100
100 - 299
300 - 599
600+

TOBACCO: Acreage, Production and Value, 1978-1987

Year	Acres Harvested	Production		Avg. Price Per Pound	Value of Production
		Per Acre	Total		
	-- Acres --	-- Lbs. --	-- (000) Lbs. --	-- Cents --	-- (000) Dollars --
1978	1,500	1,800	2,700	127.5	3,443
1979	1,300	1,275	1,658	142.0	2,354
1980	1,200	1,500	1,800	165.5	2,979
1981	1,500	1,620	2,430	178.0	4,325
1982	2,000	1,795	3,590	176.0	6,320
1983	2,200	1,710	3,762	176.0	6,621
1984	2,400	1,870	4,488	180.0	8,078
1985	1,800	1,880	3,384	155.5	5,262
1986	1,600	1,650	2,640	154.4	4,076
1987	1,800	1,440	2,592	146.5	3,797

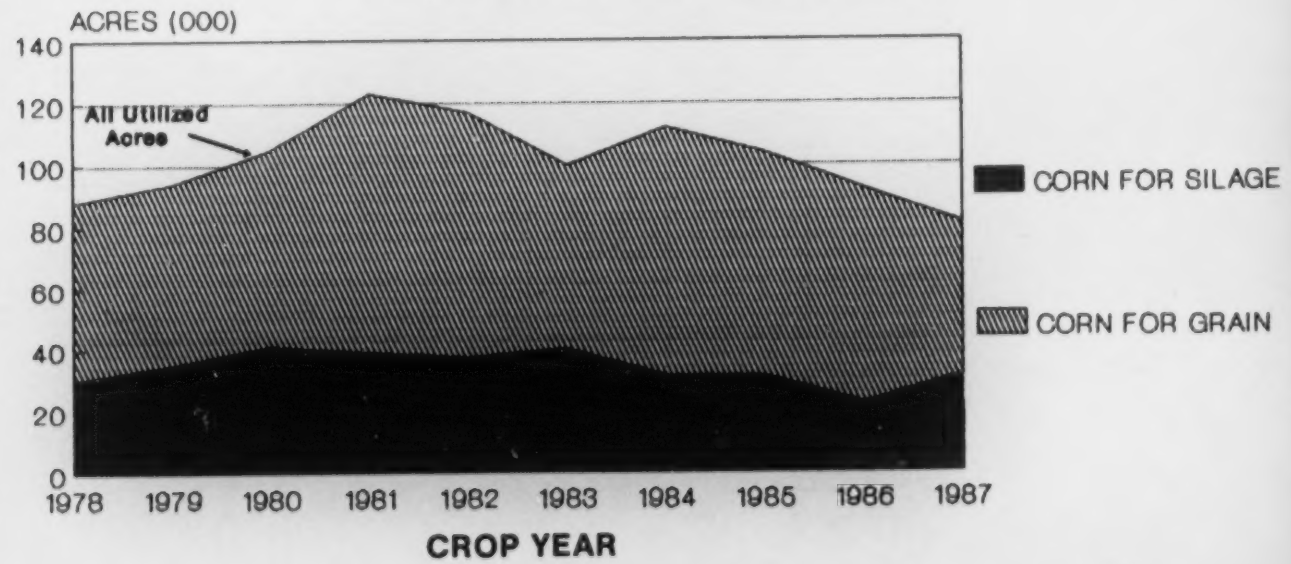
TOBACCO: Acreage, Yield and Production, By Counties, 1986-1987

County	1986			1987		
	Acres Harvested	Yield Per Acre	Production	Acres Harvested	Yield Per Acre	Production
	-- Acres --	-- Pounds --		-- Acres --	-- Pounds --	
Wood	-	-	-	12	1,300	15,600
Boone	15	1,500	22,500	20	1,400	28,000
Cabell	250	1,700	425,000	290	1,400	406,000
Jackson	75	1,680	126,000	85	1,465	124,500
Lincoln	420	1,680	705,700	490	1,490	729,000
Mason	370	1,660	614,200	400	1,445	578,000
Putnam	360	1,580	568,700	390	1,410	550,000
Roane	-	-	-	14	1,520	21,300
Wayne	20	1,570	31,400	25	1,480	37,000
Wirt	25	1,700	42,500	25	1,310	32,700
Monroe	30	1,610	48,300	30	1,425	42,800
Other 1/	35	1,590	55,700	19	1,425	27,100
State	1,600	1,650	2,640,000	1,800	1,440	2,592,000

1 /Counties having less than 10 acres.

WEST VIRGINIA CORN

ACREAGE BY UTILIZATION, 1978-1987

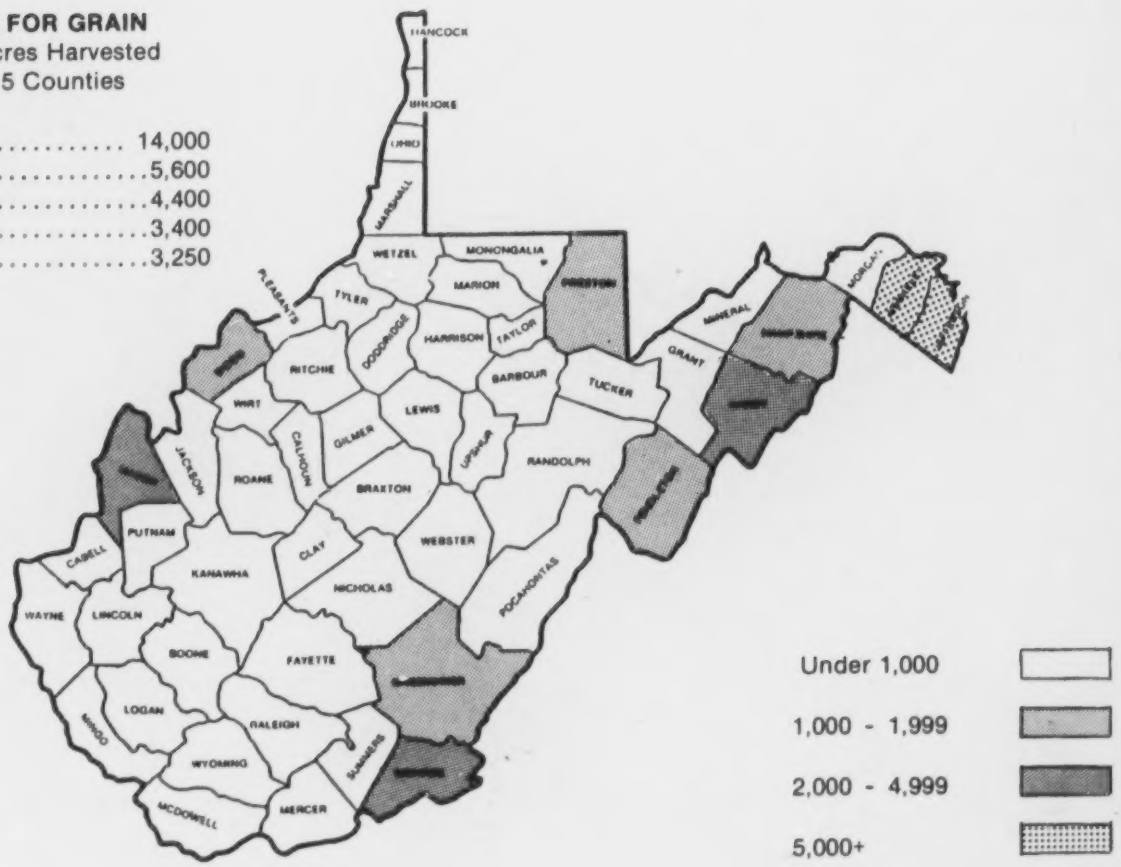


CORN FOR GRAIN: Acreage, Yield, Production and Value, 1978-1987

Year	Planted All Purposes	Harvested Acres	Yield Per Acre	Production	Price Per Bushel	Value of Production
	-- (000) --		-- Bu. --	-- (000) Bu. --	-- Dollars --	-- (000) Dollars --
1978	93	58	77.0	4,466	2.25	10,049
1979	98	59	89.0	5,251	2.54	13,338
1980	108	64	89.0	5,696	3.30	17,035
1981	125	84	92.0	7,728	2.64	16,516
1982	120	80	98.0	7,840	2.62	20,541
1983	103	60	78.0	4,680	3.31	15,491
1984	115	81	100.0	8,100	2.71	21,951
1985	110	73	105.0	7,665	2.23	17,093
1986	95	70	90.0	6,300	1.50	9,450
1987	85	50	72.0	3,600	1.70	6,120

CORN FOR GRAIN
1987 Acres Harvested
Top 5 Counties

Jefferson 14,000
Berkeley 5,600
Mason 4,400
Monroe 3,400
Hardy.....3,250



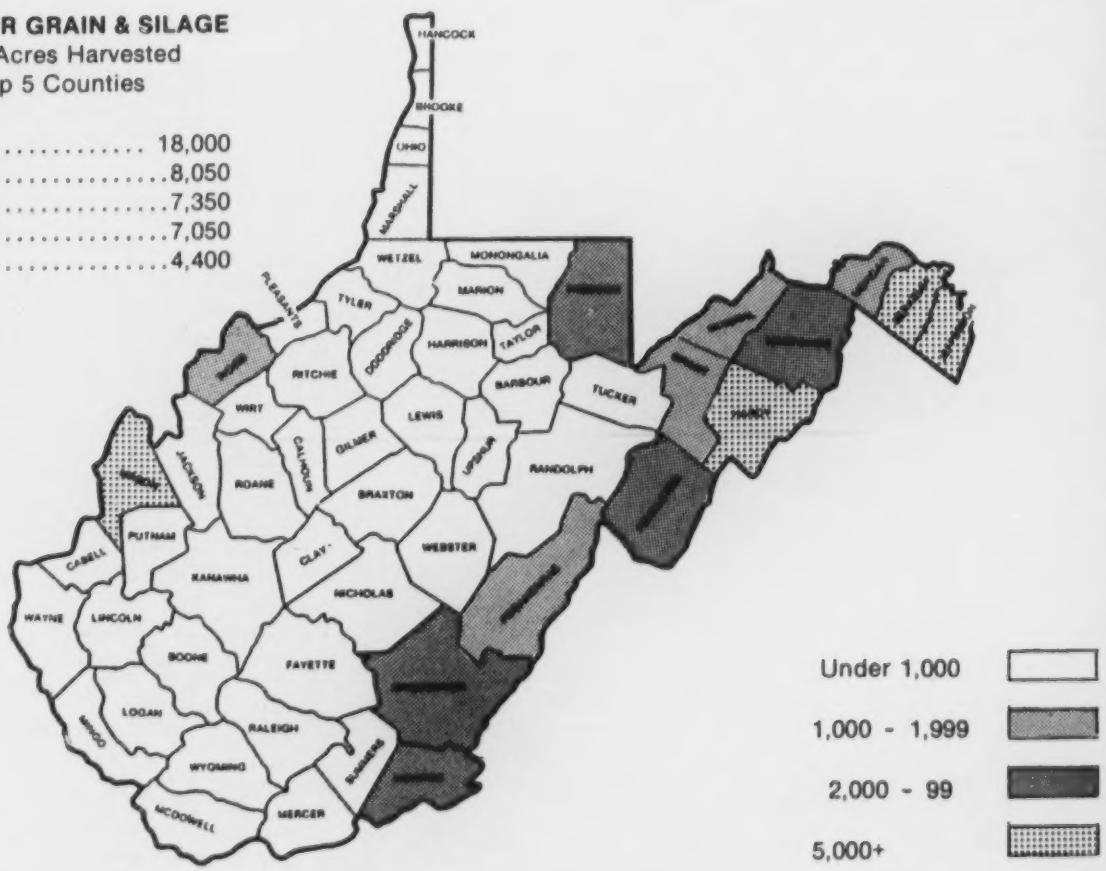
CORN FOR SILAGE AND FORAGE: Acreage, Yield and production, 1978-1987

Year	Planted All Purposes	Silage			Forage Acres
		Harvested Acres	Yield Per Acre	Production	
	-- (000) --		-- Tons --	-- (000) Tons --	-- (000) --
1978	93	30	13.5	405	3
1979	98	35	15.0	525	2
1980	108	41	15.5	636	1
1981	125	39	15.5	605	1
1982	120	37	16.5	611	2
1983	103	40	13.5	540	2
1984	115	31	17.0	527	2
1985	110	31	17.0	527	2
1986	95	22	14.0	308	3
1987	85	31	11.5	357	1/

1/ Discontinued

CORN FOR GRAIN & SILAGE
1987 Acres Harvested
Top 5 Counties

Jefferson 18,000
Berkeley 8,050
Mason 7,350
Hardy.....7,050
Preston 4,400



CORN FOR GRAIN: Acreage, Yield and Production by Counties, 1986-1987

County	1986				1987			
	Planted All Purposes	Harvested For Grain	Yield Per Acre	Production	Planted All Purposes	Harvested For Grain	Yield Per Acre	Production
	- Acres -		- Bushels -		- Acres -		- Bushels -	
Brooke	850	600	91.5	54,900	800	500	92.0	46,000
Lewis	400	300	80.0	24,000	-	-	-	-
Marshall	750	400	102.5	41,000	1,000	600	87.0	52,200
Monongalia	450	300	100.0	30,000	400	250	93.0	23,300
Ohio	850	600	108.0	64,800	750	400	83.5	33,400
Pleasants	400	350	111.0	38,900	-	-	-	-
Preston	4,800	2,500	106.0	265,000	4,500	1,650	91.0	150,000
Tyler	600	600	103.5	62,100	600	400	87.5	35,000
Wood	2,000	1,500	98.5	148,000	1,550	1,150	76.0	87,400
Other 1/	2,700	1,250	97.0	121,300	2,900	1,450	82.5	119,700
NORTHWEST	14,000	8,400	101.0	850,000	12,500	6,400	85.5	547,000
Cabell	850	650	91.0	59,200	700	550	70.5	38,800
Gilmer	600	550	89.0	49,000	500	400	75.0	30,000
Jackson	900	800	87.5	70,000	750	550	79.0	43,500
Lincoln	650	550	87.0	47,900	550	400	73.5	29,300
Mason	8,400	6,400	86.0	550,000	7,600	4,400	72.5	319,000
Nicholas	500	350	91.5	32,000	400	250	72.0	18,000
Putnam	1,050	950	85.0	80,800	800	650	75.0	48,700
Wayne	550	300	90.0	27,000	-	-	-	-
Other 1/	2,500	1,550	86.5	134,100	2,700	1,400	70.0	97,700
SOUTHWEST	16,000	12,100	87.0	1,050,000	14,000	8,600	72.5	625,000
Berkeley	11,000	9,000	85.0	765,000	8,500	5,600	62.5	349,000
Grant	2,300	1,500	95.5	143,000	1,750	850	71.5	60,600
Greenbrier	3,300	2,000	88.5	177,000	4,000	1,600	78.0	125,000
Hampshire	3,900	2,350	96.0	226,000	3,300	1,600	80.0	128,000
Hardy	8,000	5,200	85.0	442,000	7,500	3,250	78.0	253,000
Jefferson	21,000	18,300	88.5	1,620,000	19,000	14,000	67.0	935,000
Mineral	1,100	600	88.5	53,100	1,300	500	71.0	35,600
Monroe	4,400	3,900	93.0	363,000	4,600	3,400	70.0	238,000
Morgan	1,300	1,000	85.0	85,000	1,200	650	63.5	41,200
Pendleton	4,100	2,400	93.0	223,000	3,600	1,500	68.0	102,000
Pocahontas	1,800	1,200	91.0	109,000	1,600	750	72.0	54,000
Randolph	1,200	900	94.0	84,600	900	600	83.0	49,800
Summers	800	550	95.0	52,300	650	300	72.0	21,600
Tucker	800	600	95.0	57,000	600	400	88.0	35,200
EAST	65,000	49,500	89.0	4,400,000	58,500	35,000	69.5	2,428,000
STATE	95,000	70,000	90.0	6,300,000	85,000	50,000	72.0	3,600,000

1/ Counties with less than 50 acres planted not shown separately.

CORN FOR SILAGE: Acreage, Yield and Production by Counties, 1986-1987

County	1986				1987			
	Planted All Purposes	Harvested For Silage	Yield Per Acre	Production	Planted All Purposes	Harvested For Silage	Yield Per Acre	Production
		-- Acres --		-- Tons --		-- Acres --		-- Tons --
Brooke	850	250	17.0	4,300	800	280	16.0	4,500
Lewis	400	100	22.0	2,200	-	-	-	-
Marshall	750	300	15.0	4,500	1,000	390	13.5	5,200
Monongalia	450	120	14.0	1,700	400	150	13.5	2,000
Ohio	850	220	15.5	3,400	750	330	12.5	4,200
Pleasants	400	50	10.0	500	-	-	-	-
Preston	4,800	2,100	17.5	37,000	4,500	2,750	13.9	36,600
Tyler	800	200	15.0	3,000	600	180	14.0	2,500
Wood	2,000	500	14.0	7,000	1,550	380	13.0	4,900
Other 1/	2,700	1,260	16.0	20,400	2,900	1,390	14.5	20,100
NORTHWEST	14,000	5,100	16.5	84,000	12,500	5,580	13.5	80,000
Cabell	850	190	14.0	2,700	700	140	10.5	1,500
Gilmer	600	50	12.0	600	500	80	11.5	900
Jackson	900	80	12.5	1,000	750	180	11.5	2,100
Lincoln	650	80	12.5	1,000	550	130	10.0	1,300
Mason	8,400	2,000	14.5	29,000	7,600	2,950	10.5	31,400
Nicholas	500	130	17.0	2,200	400	140	13.0	1,800
Putnam	1,050	100	16.0	1,600	800	120	11.5	1,400
Wayne	550	230	15.0	3,500	-	-	-	-
Other 1/	2,500	230	15.0	3,500	-	-	-	13,600
SOUTHWEST	16,000	3,700	14.5	54,000	14,000	4,950	11.0	54,000
Berkeley	11,000	1,950	13.5	26,000	8,500	2,450	10.0	24,000
Grant	2,300	700	11.0	7,700	1,750	800	10.0	8,000
Greenbrier	3,300	1,150	14.0	16,000	4,000	2,000	12.5	25,000
Hampshire	3,900	1,300	11.0	14,000	3,300	1,620	11.5	18,700
Hardy	8,000	2,250	12.0	27,000	7,500	3,800	11. 0	43,000
Jefferson	21,000	2,250	14.0	32,000	19,000	4,000	11.5	45,000
Mineral	1,100	400	12.5	5,000	1,300	700	10.0	7,000
Monroe	4,400	500	15.0	7,500	4,600	950	11.5	11,000
Morgan	1,300	230	12.5	2,900	1,200	480	10.0	4,800
Pendleton	4,100	1,250	13.0	16,000	3,600	1,900	10.0	19,000
Pocahontas	1,800	600	13.5	8,100	1,600	760	12.0	9,100
Randolph	1,200	230	12.5	2,900	900	260	12.5	3,300
Summers	800	210	12.5	2,600	650	310	12.5	3,900
Tucker	800	180	13.0	2,300	600	170	13.9	2,200
EAST	65,000	13,200	13.0	170,000	58,500	20,200	11.0	223,000
STATE	95,000	22,100	14.0	308,000	85,000	31,000	11.5	357,000

1/ Counties with less than 50 acres planted not shown separately.

FARM MARKETINGS OF FIELD CROPS: Percent of Sales, By Months, United States, 1981-1982 to 1986-1987

Month	Crop Marketing Year					
	1981-82	1982-83	1983-84	1984-85	1985-86	1987-88
	--- Percent ---					
			HAY			
April	.4	.3	.6	.5	.5	.4
May	3.8	3.6	3.9	4.3	4.5	4.3
June	12.0	11.5	10.6	10.6	11.3	11.0
July	12.7	11.8	11.2	11.8	12.0	10.1
August	10.2	9.9	9.2	9.3	9.4	8.8
September	8.3	7.8	7.6	7.8	8.0	8.6
October	7.3	7.0	7.1	7.6	8.1	8.5
November	8.0	7.8	7.6	7.0	6.9	8.0
December	8.3	7.6	8.0	7.9	9.4	8.3
January	7.3	8.4	9.2	9.3	8.4	8.9
February	6.6	9.4	8.4	7.7	7.4	8.1
March	6.6	7.5	7.6	7.7	6.3	7.2
April	5.9	5.6	6.8	6.4	5.9	5.4
May	2.6	1.8	2.2	2.1	1.9	2.4
Year	100.0	100.0	100.0	100.0	100.0	100.0
			CORN			
August	.5	.5	1.0	.9	.8	.6
September	2.0	2.1	1.8	2.6	3.3	5.5
October	10.6	11.1	13.1	12.7	12.3	9.8
November	14.6	12.3	11.0	16.0	15.9	10.8
December	7.8	8.5	8.3	7.2	12.7	8.7
January	10.9	12.6	14.1	11.2	12.7	10.3
February	6.5	7.8	7.4	6.6	4.8	7.9
March	8.3	7.6	11.0	9.1	4.9	8.7
April	8.4	6.0	7.3	7.4	6.0	9.1
May	6.7	5.9	5.5	5.8	6.8	7.7
June	7.0	7.1	5.2	5.4	5.9	7.2
July	6.2	6.3	6.5	6.3	4.8	5.4
August	5.4	6.8	4.3	4.5	4.7	6.3
September	5.1	5.4	3.5	4.3	4.4	2.0
Year	100.0	100.0	100.0	100.0	100.0	100.0
			WHEAT			
May	2.0	1.7	1.1	1.7	2.5	2.5
June	10.6	8.5	7.4	8.5	10.7	11.0
July	16.1	16.6	16.0	20.8	18.7	15.9
August	11.9	13.0	15.4	16.8	10.7	9.6
September	10.4	8.5	8.5	9.1	8.2	8.7
October	8.1	5.2	5.8	6.8	7.1	6.5
November	6.6	8.9	6.8	5.2	6.0	5.0
December	4.4	6.5	7.9	4.3	7.7	6.8
January	6.3	8.3	7.4	7.0	7.9	7.4
February	5.1	6.0	5.7	4.7	4.1	6.2
March	6.1	6.0	6.7	4.7	4.9	6.1
April	5.5	4.4	5.2	4.3	4.3	4.2
May	3.6	3.1	3.9	3.3	3.2	5.3
June	3.3	3.3	2.2	2.8	4.0	4.8
Year	100.0	100.0	100.0	100.0	100.0	100.0
			OATS			
May	.6	.1	2.0	-	.3	.8
June	3.5	2.3	3.8	.8	1.7	.7
July	20.6	13.5	13.1	15.0	27.4	25.2
August	17.0	24.7	20.8	24.9	20.6	13.5
September	7.2	6.6	8.1	7.4	5.8	6.0
October	4.6	4.3	6.0	4.8	5.2	3.5
November	4.3	3.5	5.2	3.9	3.4	4.0
December	4.9	5.6	5.1	6.3	4.1	6.7
January	4.7	6.9	7.4	6.6	7.0	8.2
February	6.7	5.3	6.4	5.7	5.0	7.2
March	6.6	5.7	5.5	7.5	5.6	5.8
April	6.6	7.4	5.9	6.1	5.1	4.6
May	5.9	6.2	4.8	5.4	3.7	7.4
June	6.8	7.9	5.9	5.6	5.1	6.4
Year	100.0	100.0	100.0	100.0	100.0	100.0

FRUIT SUMMARY

General. Apple and peach production for the 1987 crop year totaled 197 million pounds, 22 percent less than the previous year, due primarily to summer drought conditions. The combined apple and peach production was 21.5 percent below the 10-year average of 250.9 million pounds. Both the apple and peach crops were rated in fair to good condition throughout the growing season. Cicada (17-year locust) damage to both tree and fruit also contributed to the drop in fruit production during 1987.

Apples. The 1987 apple crop of 180 million pounds (4,285,714 42-lb. equivalents) was 22 percent, down from the 1985 and 1986 production figure of 230 million pounds.

The utilized apple production also totaled 180 million pounds. The utilization breakdown for the 1987 apple crop consisted of 53 million pounds of fresh market sales, or 29 percent of production. This compared to fresh sales of 87.7 million pounds for the 1986 crop. The remaining 127 million pounds were used in processing, with 75.5 million pounds canned, 15.4 million pounds frozen, 34.3 million pounds for juice and cider, and 1.8 million pounds for other uses.

The price received for 1987 commercial apples was 7.5 cents per pound, down from 10.6 cents per pound in 1986. Total value of production was 13.6 million dollars for the 1987 crop. Fresh market apples brought 11.7 cents a pound in 1987, down from 16.8 cents in 1986. Processed apples sold for 116.00 dollars per ton, down from 136.00 dollars in 1986. Many apples were not harvested due to low market prices.

The primary apple producing area in West Virginia is the Eastern Panhandle counties—Berkeley, Hampshire, Jefferson and Morgan. These four counties comprise 95 percent of the commercial apple acreage in the State. Berkeley County has the largest portion of the State's apple trees at 44 percent.

For economic reasons the apple industry continues to move toward dwarf and semi-dwarf size controlled trees and closer planting of trees. One-fourth of the dwarf and semi-dwarf trees are 1 to 6 years old, while only 3 percent of the standard trees are in this age group. The average number of trees per acre is 65 compared with 56 trees per acre in 1982.

Delicious continues to be the leading variety in number of trees with 28 percent of the total. York Imperial ranks second with 23 percent, followed by Golden Delicious with 22 percent. The most popular variety for young trees (1-3 years old) is York Imperial, followed by Golden Delicious. However, for trees 4-6 years old, Delicious is first and Golden Delicious second. Intentions to plant in 1987 show Golden Delicious first, followed by Rome Beauty and York Imperial.

The number of trees 22 years and older increased 1.9 percent since 1982 to 47.1 percent of all trees. Of the four varieties with the most trees, York Imperial is the most aged with 67 percent 22 years and older, reflecting a greater number of trees on standard rootstock. Delicious has the lowest percent of trees 22 years and older and the highest percent of trees on dwarfed rootstocks.

Peaches. The 1987 peach crop of 17 million pounds (354,166 48-lb. equivalents) was down 26 percent from 1986. There was no significant commercial peach production in 1985 due to frost damage. The price per pound in 1987 was 13.4 cents, which resulted in a total production value of 2.28 million dollars. This was a decrease of 32 percent from the 1986 value of peach production.

The primary peach production area continues to be the Eastern Panhandle area of Berkeley, Hampshire, Jefferson and Morgan Counties. This area accounts for 99 percent of West Virginia peach trees. Berkeley County contains the largest portion with 56 percent, followed by Hampshire/Morgan with a combined total of 30 percent.

The age distribution for peaches indicates some expansion since 1982 but a slowing of new plantings the last 3 years. The percent of trees in the 4- to 6-year-old and the 7- to 11-year-old age groups both increased significantly from 1982. However, the percent 12 years and older decreased slightly and the 1- to 3-year-old group fell to 10 percent of the total.

The four leading varieties (Loring, Redhaven, Blake and Redskin) account for 64 percent of all trees. Of the new plantings (1-3 years old), Redskin with 23 percent and Redhaven with 14 percent were the two most popular varieties. The 1987 planting intentions show the four leading varieties plus Glohaven dominate growers' plans for tree replacement and expansion.

Summary. There were 165 commercial fruit growers who reported West Virginia operations in 1987. Of these operations, 133 produce apples and 83 produce peaches. The leading county was Berkeley with 53 commercial operations, followed by Hampshire with 37 and Jefferson with 27. The Eastern Panhandle area (Berkeley, Hampshire, Jefferson and Morgan Counties) contains 95 percent of the commercial fruit acreage in the State.

COMMERCIAL APPLES: Production and Value, 1978-1987

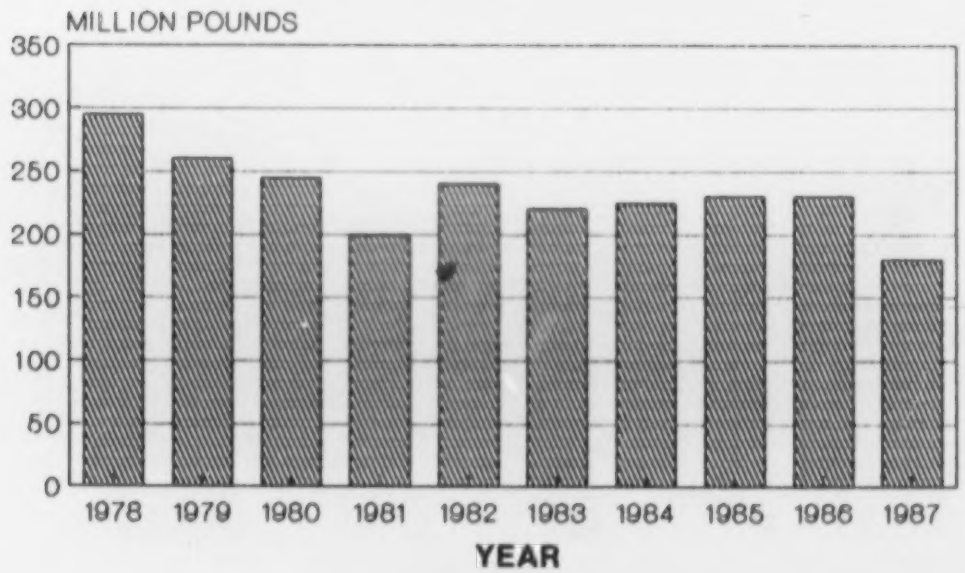
Year	Production			Price Per Pound	Value of Production
	Total	Not Utilized	Having Value		
	--- Million Pounds ---			-- Cents --	-- (000) Dollars --
1978	295.0	-	295.0	8.60	25,370
1979	260.0	-	260.0	8.20	21,320
1980	245.0	-	245.0	7.80	19,176
1981	200.0	-	200.0	11.50	22,925
1982	240.0	-	240.0	9.40	22,597
1983	220.0	4	216.0	7.70	16,671
1984	225.0	-	225.0	10.60	23,778
1985	230.0	-	230.0	9.80	22,532
1986	230.0	-	230.0	10.60	24,410
1987	180.0	-	180.0	7.50	13,561

COMMERCIAL APPLES: Utilization, 1978-1987

Year	Utilization of Sales				
	Fresh Market	Canned	Frozen	Processed Juice & Cider	Other
	-- Million Pounds --				
1978	102.1	111.2	9.4	63.8	8.5
1979	88.4	101.5	10.7	56.7	2.7
1980	88.6	84.1	13.5	56.2	2.6
1981	97.4	47.2	17.5	35.0	2.9
1982	87.2	94.7	16.4	41.2	.5
1983	57.9	103.4	11.7	40.5	2.5
1984	84.9	89.4	13.0	36.7	1.0
1985	99.5	58.6	13.2	58.2	.5
1986	87.7	75.3	34.2	32.7	.1
1987	53.0	75.5	15.4	34.3	1.8

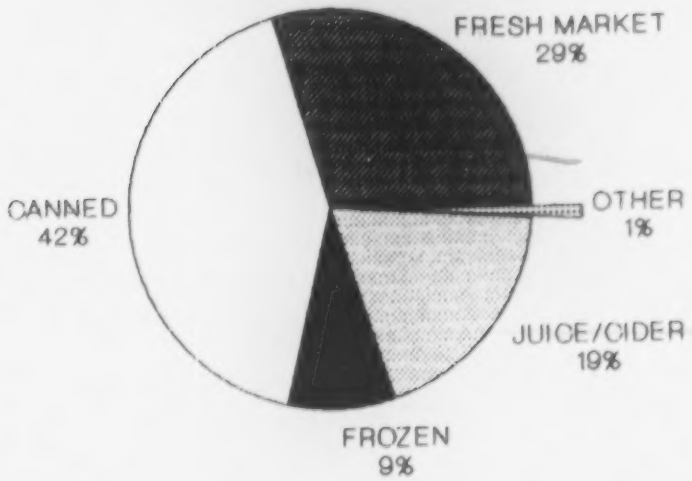
WEST VIRGINIA APPLES

COMMERCIAL PRODUCTION FOR 1978-1987



WEST VIRGINIA APPLES

UTILIZATION OF 1987 CROP



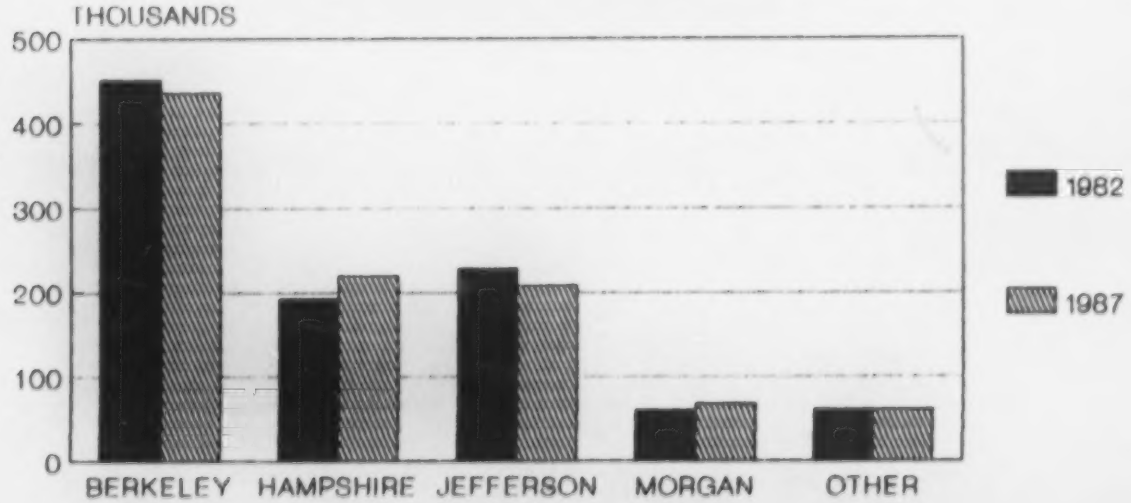
APPLES: Number of Growers, Acreage and Trees, By County, 1987

County	No. of Growers	Total Acres	Standard Trees	Semi-Dwarf & Dwarf Trees 1/	All Trees
				-- Thousands -	
Berkeley	46	7,080	276.9	159.0	435.9
Hampshire	34	3,100	103.4	115.7	219.1
Jefferson	25	3,340	120.8	86.4	207.2
Morgan	10	990	42.6	24.9	67.5
Other	18	820	15.4	45.9	61.3
Total	133	15,330	559.1	431.9	991.0

1/ Includes following rootstocks: MM 111, MM 104, MM 106, M 7 or M 7a, Interstem, M 26, M 9.

1987 WEST VIRGINIA APPLES

TOTAL TREES BY COUNTY



APPLES: Number of Trees, by County and Variety, 1987

Variety	Berkeley	Hampshire	Jefferson	Morgan	Other	State
			-- Thousands --			
Delicious	86.2	84.8	58.0	12.6	33.8	275.4
Golden Delicious	98.2	39.2	55.5	10.6	11.1	214.6
Jonathan	11.6	5.5	6.1	2.7	0.9	26.8
Rome Beauty	46.2	27.6	20.1	9.1	3.6	106.6
Stayman	16.9	13.5	18.0	2.2	1.3	51.9
Winesap	5.1	1.2	2.6	0.5	1.2	10.6
York Imperial	138.3	32.6	39.7	13.9	0.7	225.2
Other Varieties	33.4	14.7	7.2	15.9	8.7	79.9
Total	435.9	219.1	207.2	67.5	61.3	991.0

APPLES: Number of Trees, by Age and County, 1987

County	Year Set and Age					
	1984-86 1-3 Years	1981-83 4-6 Years	1976-80 7-11 Years	1966-75 12-21 Years	1965 & Earlier 22+ Years	All Trees
			-- Thousands --			
			Standard Trees			
Berkeley	2.6	3.4	15.1	47.1	208.7	276.9
Hampshire & Morgan	1.8	8.4	10.4	27.2	98.2	146.0
Jefferson	-	0.4	2.6	14.7	103.1	120.8
Other	-	0.3	0.2	7.6	7.3	15.4
Total Standard	4.4	12.5	28.3	96.6	417.3	559.1
			Semi-Dwarf and Dwarf Trees			
Berkeley	21.4	17.6	32.6	59.4	28.0	159.0
Hampshire & Morgan	10.6	31.5	40.2	45.0	13.3	140.6
Jefferson	5.0	14.4	24.2	38.7	4.1	86.4
Other	5.4	3.9	3.9	28.2	4.5	45.9
Total Dwarf	42.4	67.4	100.9	171.3	49.9	431.9
			All Trees			
Berkeley	24.0	20.9	47.8	106.5	236.7	435.9
Hampshire & Morgan	12.4	39.9	50.6	72.2	111.5	286.6
Jefferson	5.0	14.8	26.7	53.5	107.2	207.2
Other	5.4	4.3	4.1	35.7	11.8	61.3
Total All	46.8	79.9	129.2	267.9	467.2	991.0

APPLES: Number of Trees, by Age and Variety, 1987

Variety	Year Set and Age					All Trees	Spur Trees
	1984-86 1-3 yrs.	1981-83 4-6 yrs.	1976-80 7-11 yrs.	1966-75 12-21 yrs.	1965 & Earlier 22+ yrs.		
	-- Thousands --						
	Standard Trees						
Delicious	0.9	4.0	9.7	26.7	61.5	102.8	35.9
Golden Delicious	0.6	1.6	3.6	30.0	88.9	124.7	12.1
Jonathan	-	-	0.9	2.4	16.2	19.5	-
Rome Beauty	1.6	1.0	2.3	10.9	46.7	62.5	2.5
Stayman	0.4	1.2	1.3	3.8	25.8	32.5	-
Winesap	-	0.2	-	0.3	8.1	8.6	-
York Imperial	0.8	2.8	7.1	16.8	144.1	171.6	-
Other Varieties	0.1	1.7	3.4	5.7	26.0	36.9	0.9
Total Standard	4.4	12.5	28.3	96.6	417.3	559.1	51.4
	Semi-Dwarf and Dwarf Trees						
Delicious	6.8	26.9	41.6	74.2	23.1	172.6	69.2
Golden Delicious	7.9	13.0	13.6	44.1	11.4	90.0	11.4
Jonathan	0.4	0.3	1.5	4.0	1.1	7.3	-
Rome Beauty	4.5	7.5	18.4	10.1	3.6	44.1	11.2
Stayman	3.6	3.9	8.5	3.0	0.4	19.4	-
Winesap	-	0.6	0.6	0.8	-	2.0	0.4
York Imperial	11.1	6.5	8.8	20.4	6.7	53.5	-
Other Varieties	8.1	8.7	7.9	14.7	3.6	43.0	5.2
Total Dwarf	42.4	67.4	100.9	171.3	49.9	431.9	97.4
	All Trees						
Delicious	7.7	30.8	51.4	100.8	84.7	275.4	105.1
Golden Delicious	8.5	14.6	17.2	74.1	100.2	214.6	23.4
Jonathan	0.5	0.3	2.3	6.3	17.4	26.8	-
Rome Beauty	6.1	8.5	20.6	21.1	50.3	106.6	13.7
Stayman	4.0	5.1	9.8	6.8	26.2	51.9	-
Winesap	-	0.9	0.6	1.1	8.0	10.6	0.4
York Imperial	11.9	9.3	16.0	37.2	150.8	225.2	-
Other Varieties	8.1	10.4	11.3	20.5	29.6	79.9	6.1
Total All	46.8	79.9	129.2	267.9	467.2	991.0	148.7

APPLES: Number of Growers, Trees and Acres, by Size Group, 1987

No. of Acres in Orchard	Growers		All Trees	Total Acres
	Number	Percent		
			- Thousands -	
1-9	29	22	8.5	120
10-19	12	9	13.7	150
20-49	23	17	37.0	760
50-99	19	14	78.8	1,260
100-199	28	21	265.3	3,820
200-Plus	22	17	587.7	9,220
All Orchards	133	100	991.0	15,330

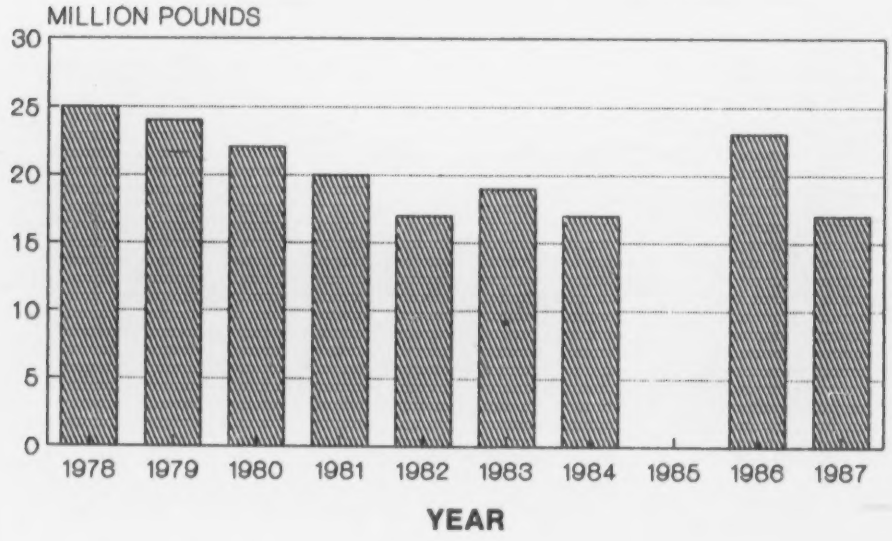
PEACHES: Production and Value, 1978-1987

Year	Production		Having Value	Price Per Pound	Value of Production
	Total	Not Utilized			
	--- Million Pounds ---			-- Cents --	-- (000) Dollars --
1978	25.0	-	25.0	17.8	4,450
1979	24.0	-	24.0	16.8	4,032
1980	22.0	-	22.0	13.2	2,904
1981	20.0	-	20.0	15.3	3,060
1982	17.0	-	17.0	23.3	3,961
1983	19.0	-	19.0	13.8	2,626
1984	17.0	-	17.0	17.1	2,901
1985 1/	-	-	-	-	-
1986	23.0	-	23.0	14.5	3,338
1987	17.0	-	17.0	13.4	2,281

1/ No significant commercial production due to frost.

WEST VIRGINIA PEACHES

COMMERCIAL PRODUCTION FOR 1978-1987



PEACHES: Number of Growers, Trees and Acres, By Size Group, 1987

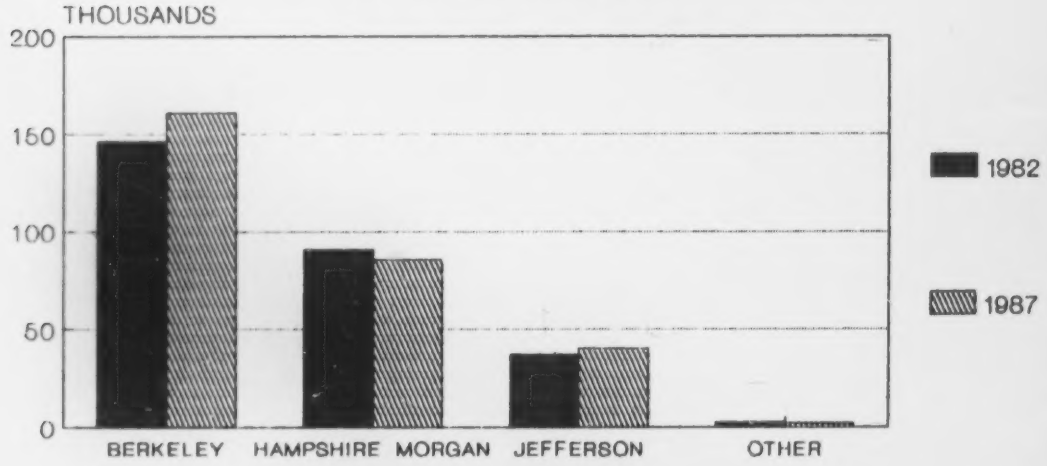
No. of Acres in Orchard	Growers		All Trees	Total Acres
	Number	Percent		
			Thousands	
1-9	31	37	8.7	110
10-19	15	18	19.5	200
20-49	18	22	42.4	590
50-99	12	15	60.6	790
100-Plus	7	8	157.3	1,650
Total	83	100	288.5	3,340

PEACHES: Number of Growers, Acreage and Trees, By County, 1987

County	No. of Growers	Total Acres	All Trees
			- Thousands -
Berkeley	32	1,980	161.1
Hampshire & Morgan	32	820	85.6
Jefferson	12	510	40.0
Other	7	30	1.8
Total	83	3,340	288.5

1987 WEST VIRGINIA PEACHES

TOTAL TREES BY COUNTY



CLASSIFICATION OF FRUIT GROWERS BY FRUIT GROWN AND AREA DEVOTED TO FRUIT PRODUCTION

Types of Fruit Grown	Acres in Operation									
	1-4	5-9	10-19	20-49	50-99	100-199	200-299	300-399	400 Plus	Total
	-- Number of Growers --									
Only Apples	4*	7	6	12	9	10	6	1	1	56
Only Peaches		2	2	3		1				8
Only Apples & Peaches		2	5	9	11	12	3	2	3	47
Only Apples, Peaches & Nectarines				1	2	3	3	1	2	12
Apples and/or Peaches & Grapes and/or Nectarines	4*	5	3	1	1	1		1	1	17
Only Grapes	18*	3	1							22
Total Growers	29*	19	17	26	23	27	12	5	7	165
Other Fruit 1/	5*	5	2	3	2	4	1	2	3	27

1/ Includes cherries, pears, plums, blackberries, blueberries and raspberries.
* 3 producers reported only other fruits.

OTHER FRUITS: Number of Growers, Plants and Acres, By County, 1987

Crop & County	No. of Growers	Trees/Plants/Vines		Acres
		1-3 Years	Total	
		-- Thousands --		
Nectarines				
Berkeley	6	1.2	3.8	50
Hampshire & Morgan	7	-		
Jefferson	6	0.7	2.2	20
Other	0	-	10.3	100
Total	19	1.9	16.3	170
Grapes				
Brooke, Marshall & Wetzel	4	1.7	4.0	10
Cabell, Mason & Putnam	3	0.7	4.8	15
Barbour, Calhoun, Harrison & Randolph	5	0.1	0.9	5
Greenbrier, McDowell, Monroe & Summers	7	0.9	2.6	15
Hampshire	6	14.9	42.6	75
Jefferson	6	0.9	3.5	10
Hardy, Mineral & Morgan	5	2.0	7.6	15
Total	36	21.2	66.0	145
Cherries				
Berkeley	4	0.7	1.3	20
Hampshire & Morgan	7	0.1	2.4	65
Other	4	0.8	0.9	10
Total	15	1.6	4.6	95
Pears				
Berkeley	3	2.0	3.0	50
Hampshire & Morgan	7	0.1	2.5	35
Other	4	0.1	0.3	10
Total	14	2.2	5.8	95
Plums				
Total	11	0.8	1.8	25
Blackberries				
Total	3	1/	1/	1/
Blueberries				
Total	6	1/	1/	1/
Raspberries				
Total	7	3.6	5.4	20

1/ Combined with raspberries due to small number of bushes reported.

LIVESTOCK SUMMARY

The livestock numbers in this bulletin were derived from the various surveys conducted during the year by West Virginia Agricultural Statistics. The primary surveys were: the four quarterly agricultural, dairy, and chicken and egg surveys. The county estimates were derived from several independent sources.

The number of all cattle as of January 1, 1988, was 490,000, down from the 560,000 head of January 1, 1987. The inventory value was $215.6 million, up 8 percent from the $199.0 million of 1987. The 1987 calf crop was 240,000, down from the 250,000 of 1986. The number of dairy cattle was 32,000, down from the 33,000 in 1986.

Cattle and calf production of 1987 totaled 71.3 million pounds, with 95.2 million pounds marketed, compared to 113.1 million pounds produced and 68.6 million pounds marketed in 1986. The average price per hundredweight was $57.50 for cattle and $68.70 for calves, compared to $46.40 and $56.20 respectively in 1986. The value of production totaled $47.2 million in 1987, down from the $56.3 million in 1986. The gross income, including home consumption, totaled $68.2 million, up from the $44.1 million of 1986. The gross income from dairy production totaled $44.4 million, down from the $47.1 million the previous year.

The number of sheep as of January 1, 1988, was 91,000 head, up from the 90,000 head of 1987. The inventory value was $6.8 million, up from the $5.9 million of 1987. The 1987 lamb crop totaled 77,000 head, down from the 80,000 of 1986.

Sheep and lamb production for 1987 totaled 5.7 million pounds, down from the 6.1 million pounds of 1986. The average price per hundredweight was $23.70 for sheep and $74.10 for lambs, compared to $19.30 and $66.50 respectively in 1986. The value of production totaled $3.44 million, up from the $3.38 million of 1986. The gross income, including home consumption, totaled $3.33 million, up from the $3.03 million of 1986.

The number of sheep shorn in 1987 totaled 77,000 head, down from the 79,000 in 1986. The average fleece weight was 5.6 pounds, down from 5.8 pounds, giving a production of 431,000 pounds, down from the 458,000 pounds of 1986. The average price per pound was 62 cents, down from 65 cents in 1986, giving a value of production of $267,000, down from the $298,000 in 1986.

The number of hogs as of December 1, 1987, totaled 36,000 head, down from the 37,000 of 1986. The inventory value was $3.17 million, down from the $3.29 million of 1986. The pig crop totaled 39,000 head, up from the 35,000 head of 1986.

Hog and pig production for 1987 was 16.2 million pounds, with 14.3 million pounds marketed, compared to 12.8 million pounds produced and 11.2 million pounds marketed in 1986. The average price per hundredweight was $52.50, up from the $48.00 in 1986. The value of production was $8.5 million, up from the $6.2 million of 1986. The gross income, including home consumption, totaled $8.7 million, up from the $6.2 million in 1986.

CATTLE AND CALVES: Number on Farms and Value, January 1, 1979-1988

Year	All Cattle and Calves	Cows		Heifers 500 Lbs. and Over			Steers 500 Lbs. & Over	Bulls 500 Lbs. & Over	Heifers, Steers and Bulls 500 Lbs. & Under	Value	
		Beef	Milk	Beef Cow Replacement	Milk Cow Replacement	Other Heifers				Per Head	Total
	-- (000) Head --									- Dollars -	- (000) Dollars -
1979	535	233	37	58	13	12	45	19	118	330	176,550
1980	545	241	37	51	13	13	45	17	128	440	239,800
1981	570	259	36	55	13	11	45	18	133	420	239,400
1982	620	279	36	60	17	11	33	19	165	395	244,900
1983	580	260	36	51	16	15	49	19	134	385	223,300
1984	590	273	37	44	16	19	53	21	127	385	227,150
1985	580	275	33	31	14	11	71	23	122	375	217,500
1986	520	241	34	32	15	18	56	19	105	375	195,000
1987	560	278	32	35	10	31	40	17	117	355	198,800
1988	490	248	31	35	10	27	38	14	87	440	215,600

CATTLE AND CALVES: Production, Value and Income, 1978-1987

Year	Production 1/	Marketings 2/	Price Per 100 Lbs.		Value of Production	Cash Receipts	Value Home Consumption	Gross Income
			Cattle	Calves				
	-- (000) Lbs. --		-- Dollars --			-- (000) Dollars --		
1978	116,540	110,990	41.10	57.90	52,797	50,156	8,299	58,455
1979	137,800	114,080	55.70	79.50	83,016	68,150	10,645	78,795
1980	136,605	108,520	52.80	79.30	79,968	64,400	5,777	70,177
1981	137,860	94,590	47.50	66.90	72,220	49,089	6,485	55,574
1982	121,675	126,050	43.10	61.10	56,887	60,522	8,348	68,870
1983	142,435	107,850	43.10	58.60	65,923	51,222	10,970	62,192
1984	131,195	117,040	45.50	53.00	62,155	55,753	11,101	66,854
1985	89,800	145,500	46.00	56.50	44,235	70,836	5,946	76,782
1986	113,130	68,560	46.40	56.20	56,334	35,457	8,601	44,058
1987	71,250	95,240	57.50	68.70	47,205	61,882	6,289	68,171

1/ Adjustments made for inshipments and changes in inventory.
2/ Excludes interfarm sales.

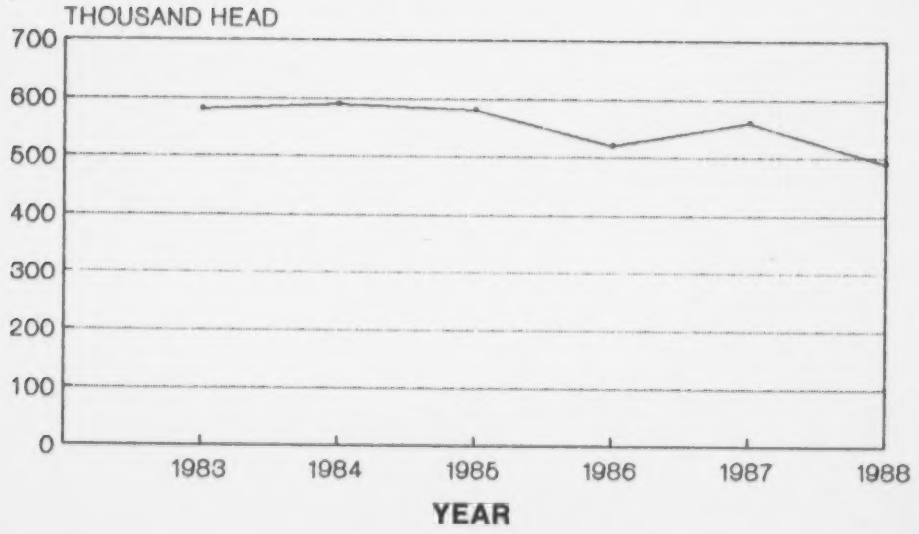
CATTLE AND CALVES: Inventory Number, Calf Crop and Disposition, 1978-1987

Year	On Hand January 1	Calves Born	Inshipments	Marketings 1/		Farm Slaughter	Deaths	
				Cattle	Calves		Cattle	Calves
				-- (000) Head --				
1978	550	250	3	98	124	15	10	21
1979	535	250	3	104	92	13	9	25
1980	545	264	3	93	98	5	14	32
1981	570	260	3	84	80	7	13	29
1982	620	250	5	112	131	8	14	30
1983	580	270	4	103	116	9	11	25
1984	590	265	5	109	122	9	15	25
1985	580	230	5	122	125	6	15	27
1986	520	250	9	41	122	11	15	30
1987	560	240	4	38	228	8	15	25

1/ Excludes interfarm sales.

WEST VIRGINIA CATTLE & CALVES

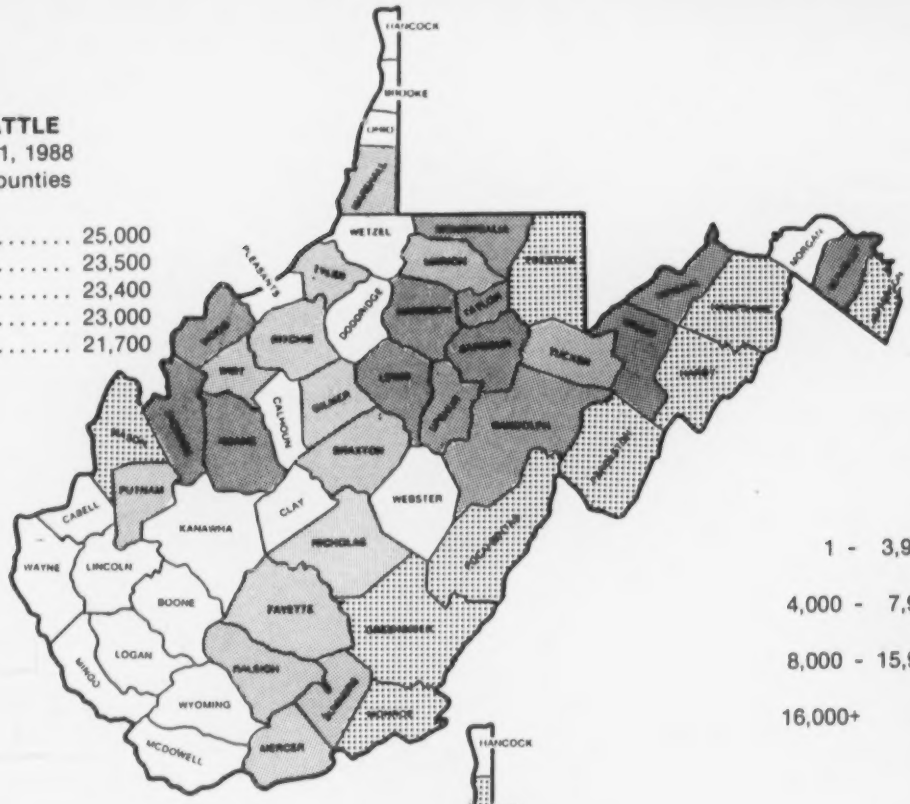
INVENTORY, 1983-1988



ALL CATTLE AND MILK COWS BY COUNTY, 1988

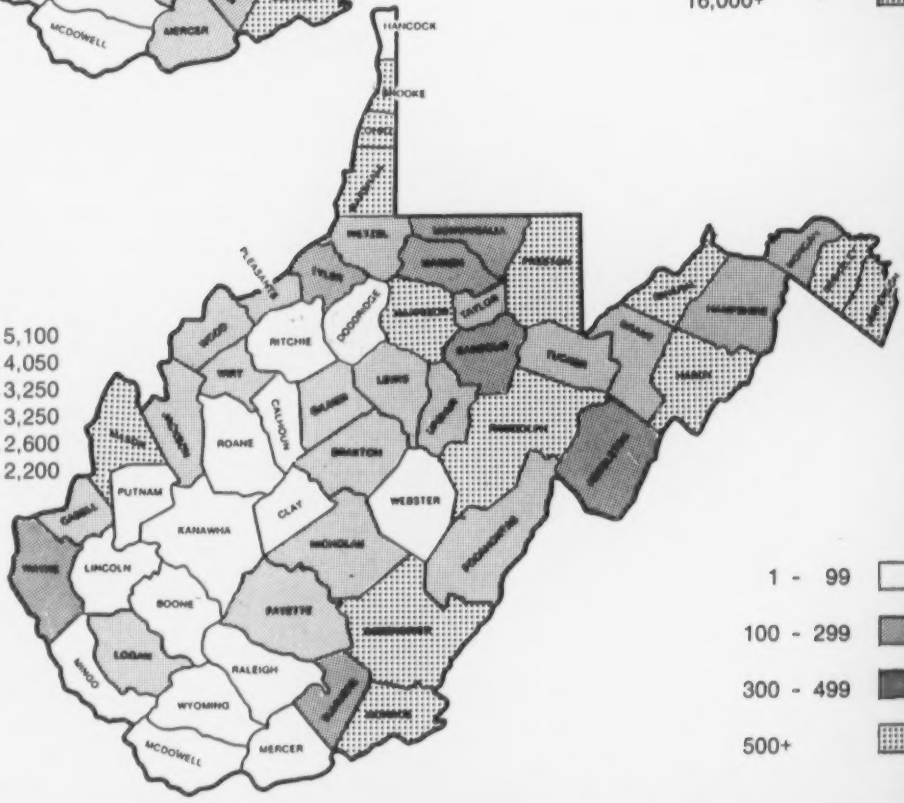
ALL CATTLE
January 1, 1988
Top 5 Counties

Preston	25,000
Jefferson	23,500
Hardy	23,400
Pendleton	23,000
Mason	21,700



MILK COWS
January 1, 1988
Top 5 Counties

Jefferson	5,100
Mason	4,050
Preston	3,250
Preston	3,250
Berkeley	2,600
Monroe	2,200



ALL CATTLE AND MILK COWS: Number on Farm, 1987-1988 1/

County	1987		1988	
	All Cattle	Milk Cows	All Cattle	Milk Cows
	-- Number of Head --			
Barbour	12,800	460	10,300	420
Brooke	2,450	440	2,350	520
Doddridge	5,300	170	3,600	50
Hancock	1,100	70	850	-
Harrison	17,700	770	14,800	550
Lewis	13,700	530	11,000	260
Marion	8,150	230	6,850	350
Marshall	9,500	970	6,500	1,650
Monongalia	11,000	400	10,200	300
Ohio	4,600	640	3,900	620
Pleasants	2,000	70	1,600	100
Preston	25,200	3,250	25,000	3,250
Ritchie	8,350	120	6,700	70
Taylor	10,000	420	8,750	240
Tyler	6,750	340	6,050	360
Upshur	10,100	230	8,350	160
Wetzel	2,700	90	2,700	120
Wood	13,000	450	10,500	260
NORTHWEST	164,400	9,650	140,000	9,280
Boone	290	-	200	-
Braxton	7,200	120	6,500	110
Cabell	3,400	110	2,600	120
Calhoun	3,200	70	3,200	-
Clay	2,600	-	2,450	-
Fayette	5,600	280	4,450	260
Gilmer	7,800	200	7,800	120
Jackson	15,150	410	15,700	270
Kanawha	2,450	-	1,700	50
Lincoln	3,300	110	3,600	90
Logan	580	130	500	150
McDowell	80	-	50	-
Mason	23,900	3,300	21,700	4,050
Mercer	5,150	90	4,350	60
Mingo	150	-	100	-
Nicholas	7,150	270	6,400	210
Putnam	5,100	150	4,500	50
Raleigh	7,050	130	6,300	90
Roane	11,000	110	9,400	-
Wayne	3,300	300	2,750	320
Webster	2,150	190	1,600	80
Wirt	6,350	270	5,850	240
Wyoming	1,650	-	1,300	-
SOUTHWEST	124,600	6,240	113,000	6,270
Berkeley	20,000	2,850	14,300	2,600
Grant	15,600	320	11,700	220
Greenbrier	46,900	2,150	43,100	1,800
Hampshire	22,900	280	21,300	170
Hardy	25,700	700	23,400	600
Jefferson	28,400	4,850	23,500	5,100
Mineral	11,100	740	10,100	600
Monroe	26,300	2,050	20,700	2,200
Morgan	2,400	190	2,050	160
Pendleton	23,300	500	23,000	450
Pocahontas	20,600	250	19,300	110
Randolph	14,400	540	12,800	800
Summers	7,900	270	7,200	300
Tucker	5,500	260	4,550	190
EAST	271,000	15,950	237,000	15,300
OTHER 2/	-	160	-	150
STATE	560,000	32,000	490,000	31,000

1/ As of January 1.
2/ Counties with less than 50 head.

SHEEP AND LAMBS: Inventory, By Class and Value, January 1, 1978-1988

Year	Sheep 1 Year & Older		Lambs		Total	Value	
	Ewes	Wethers & Rams	Ewes	Wethers & Rams	Sheep & Lambs	Per Head	Total
	-- (000) Head --					- Dollars -	- (000) Dollars -
1978	96	5	16	6	123	46.00	5,658
1979	88	5	16	6	115	52.00	5,980
1980	87	4	17	5	113	60.50	6,837
1981	84	4	16	4	108	56.00	6,048
1982	85	3	18	4	110	55.50	6,105
1983	80	3	13	4	100	50.50	5,050
1984	72	3	12	4	91	50.50	4,596
1985	64	2	8	2	76	56.50	4,294
1986	60	2	8	8	78	65.50	5,109
1987	68	3	11	8	90	66.00	5,940
1988	67	3	10	11	91	75.00	6,825

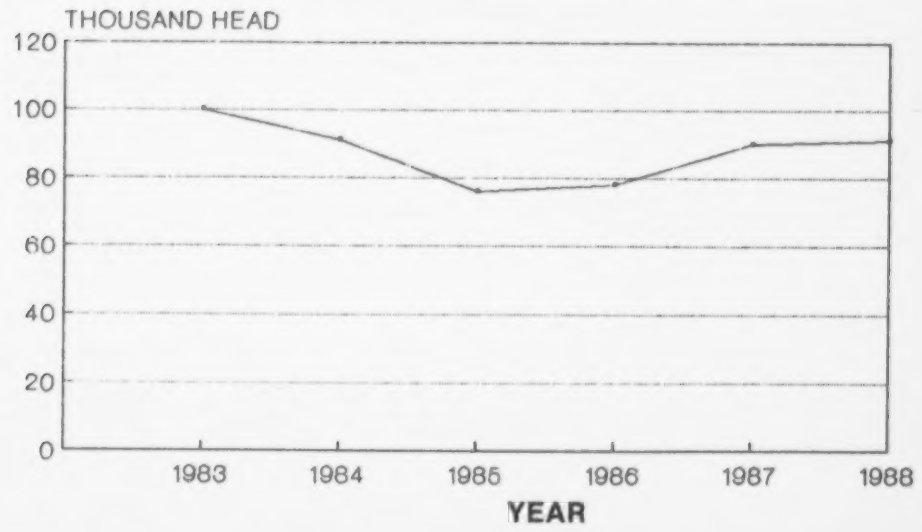
SHEEP AND LAMBS: Inventory, Lamb Crop and Disposition, 1978-1987

Year	On Hand January 1	Lambs Saved	Inshipments	Marketings 1/		Farm Slaughter	Deaths	
				Sheep	Lambs		Sheep	Lambs
				-- (000) Head --				
1978	123	108	1	22	67	1	9	18
1979	115	101	1	16	60	1	9	18
1980	113	104	1	18	67	1	8	16
1981	108	100	1	14	61	1	7	16
1982	110	100	1	21	66	1	7	16
1983	100	90	1	20	60	2	6	12
1984	91	80	1	21	58	1	5	11
1985	76	71	1	10	44	1	5	10
1986	78	80	3	4	48	1	6	12
1987	90	77	0	14	42	2	6	12

1/ Excludes interfarm sales.

WEST VIRGINIA SHEEP & LAMBS

INVENTORY, 1983-1988



SHEEP AND LAMBS: Production, Value and Income, 1978-1987

Year	Production 1/	Marketings 2/	Average Per Cwt.		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income
			Sheep	Lambs				
	-- (000) Lbs. --		-- Dollars --			-- (000) Dollars --		
1978	7,902	8,980	20.00	57.20	3,984	4,158	63	4,221
1979	6,754	7,015	23.70	61.60	3,680	3,683	99	3,782
1980	7,478	7,974	20.70	61.60	3,974	4,065	133	4,198
1981	7,252	7,003	17.90	54.30	3,405	3,216	115	3,331
1982	7,215	8,200	16.80	52.60	3,215	3,449	142	3,591
1983	8,328	9,244	12.70	48.10	3,266	3,384	95	3,479
1984	5,786	7,462	13.50	59.50	2,978	3,329	148	3,477
1985	5,070	4,948	17.50	67.80	3,060	2,640	171	2,811
1986	6,105	4,710	19.30	66.50	3,380	2,906	120	3,026
1987	5,685	5,280	23.70	74.10	3,436	3,066	267	3,333

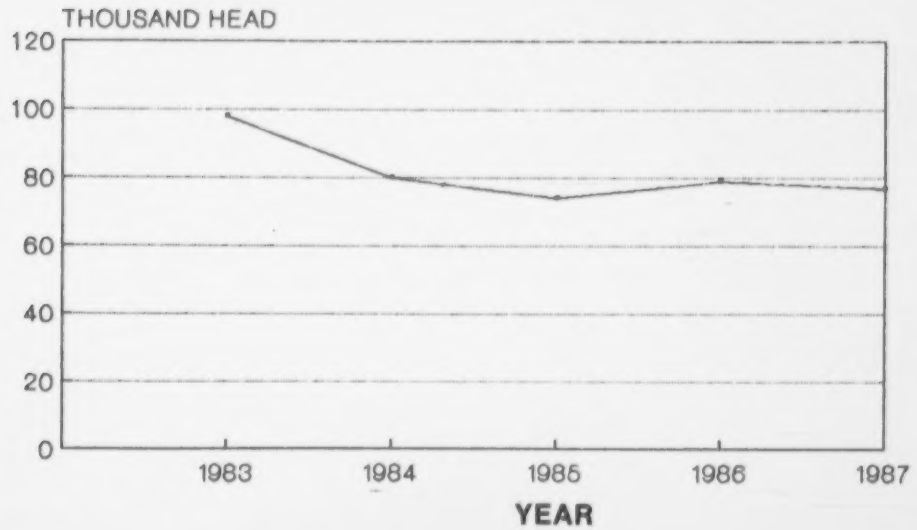
1/ Adjustments made for inshipments and changes in inventory.
2/ Excludes interfarm sales.
3/ Receipts from marketings and sale of farm slaughter.

WOOL: Sheep Shorn, Wool Production and Value 1978-1987

Year	Sheep Shorn	Weight Per Fleece	Shorn Wool Production	Price Per Pound	Value
	- (000) Head -	- Pounds -	- (000) Pounds -	- Cents -	- (000) Dollars -
1978	114	5.8	661	81	535
1979	105	5.9	620	88	546
1980	107	5.8	621	78	484
1981	102	5.8	592	87	515
1982	105	5.6	588	40	235
1983	98	5.9	578	46	266
1984	80	5.7	456	79	360
1985	74	5.8	429	58	249
1986	79	5.8	458	65	298
1987	77	5.6	431	62	267

WEST VIRGINIA WOOL PRODUCTION

NUMBER OF SHEEP SHORN, 1983-1987



HOGS AND PIGS: Number on Farms, By Class and Value, December 1, 1978-1987

Year	Breeding	Market	Marketing Hogs & Pigs by Weight				All Hogs	Value	
			Under 60 Lbs.	60-119 Lbs.	120-179 Lbs.	180 Lbs. & Over		Per Head	Total
	-- (000) Head --							- Dollars -	- (000) Dollars -
1978	8	42	17	8	6	11	50	77.50	3,875
1979	8	48	20	9	7	12	56	57.00	3,192
1980	11	62	26	9	9	18	73	71.50	5,220
1981	8	44	19	7	9	9	52	71.00	3,692
1982	8	34	14	6	5	9	42	91.00	3,822
1983	6	32	11	6	5	10	38	74.50	2,831
1984	4	33	14	8	5	6	37	70.00	2,590
1985	4	33	14	5	5	9	37	73.00	2,701
1986	5	32	11	7	5	9	37	89.00	3,293
1987	6	30	10	6	4	10	36	88.00	3,168

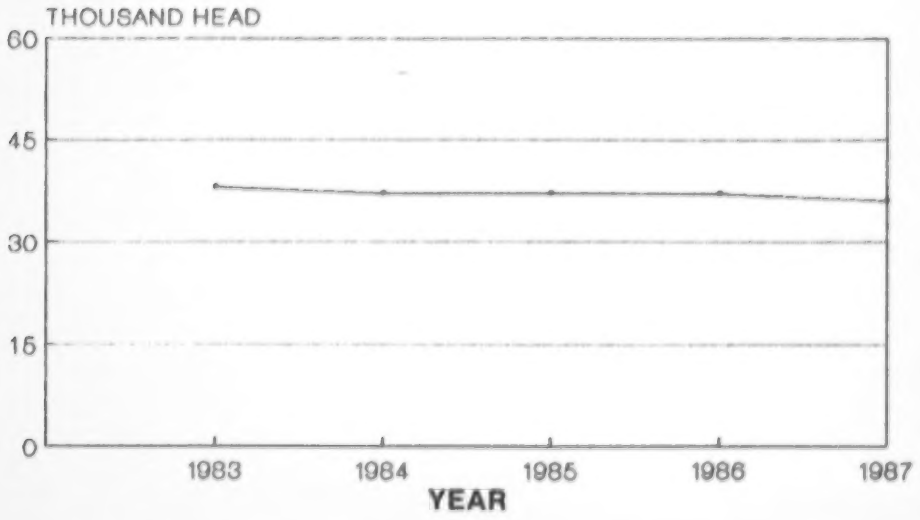
PIG CROP: Sows Farrowed and Pigs Saved, 1978-1987

Year	Spring 1/			Fall 2/			Annual Total	
	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Saved
	- (000) Head -	Number	- (000) Head -		- Number -		-- (000) Head --	
1978	5.7	7.0	40	5.5	7.0	39	11.2	79
1979	5.7	7.0	40	5.8	6.9	40	11.5	80
1980	9.0	6.8	61	6.8	7.6	52	15.8	113
1981	6.7	7.5	50	4.1	7.3	30	10.8	80
1982	5.2	7.0	36	3.8	7.5	29	9.0	65
1983	5.6	7.0	39	3.2	7.0	22	8.8	61
1984	2.7	6.4	17	2.4	6.6	16	5.1	33
1985	2.5	7.4	19	1.6	7.1	11	4.1	30
1986	2.4	6.7	16	2.7	7.1	19	5.1	35
1987	2.8	6.1	17	3.0	7.2	22	5.8	39

1/ December through May.
2/ June through November.

WEST VIRGINIA HOGS & PIGS

NUMBER ON FARMS, 1983-1987



HOGS AND PIGS: Inventory Number, Pig Crop and Disposition, 1978-1987

Year	On Hand December 1 1/	Pigs Saved	Inshipments	Marketings 2/	Farm Slaughter	Deaths
			-- Thousand Head --			
1978	60	79	5	68	17	9
1979	50	80	10	61	18	5
1980	56	113	9	75	22	8
1981	73	80	5	78	20	8
1982	52	65	6	63	13	5
1983	42	61	10	61	10	4
1984	38	33	5	27	9	3
1985	37	30	9	27	7	5
1986	37	35	8	35	4	4
1987	37	39	11	46	3	2

1/ December 1, previous year.
2/ Excludes interfarm sales.

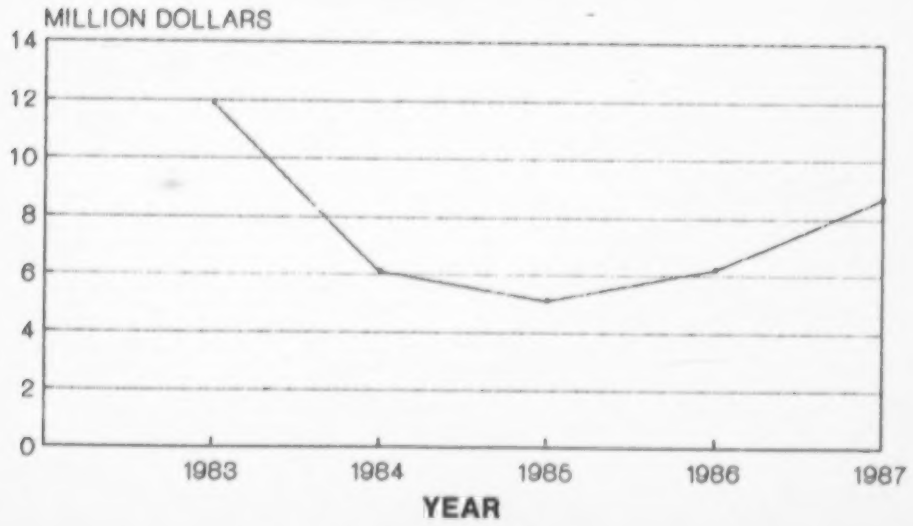
HOGS AND PIGS: Production, Value and Income, 1978-1987

Year	Production 1/	Marketings 2/	Price Per 100 Lbs.	Value of Production	Cash Receipts	Value of of Home Consumption	Gross Income
	-- (000) Lbs. --		-- Dollars --		-- (000) Dollars --		
1978	25,666	20,446	45.40	11,611	9,290	2,919	12,209
1979	26,888	14,743	38.70	10,348	5,712	4,608	10,320
1980	34,210	20,555	37.80	12,833	7,782	4,241	12,023
1981	28,781	22,270	44.80	12,808	9,939	4,549	14,488
1982	24,643	19,125	53.40	13,077	10,230	3,540	13,770
1983	24,693	19,755	46.70	11,499	9,230	2,620	11,850
1984	10,523	6,750	49.40	5,191	3,336	2,645	5,981
1985	11,450	8,407	44.00	5,017	3,702	1,372	5,074
1986	12,815	11,150	48.00	6,146	5,354	888	6,242
1987	16,239	14,348	52.50	8,515	7,535	1,135	8,670

1/ Adjustments made for inshipments and changes in inventory.
2/ Excludes interfarm sales.

WEST VIRGINIA HOGS & PIGS

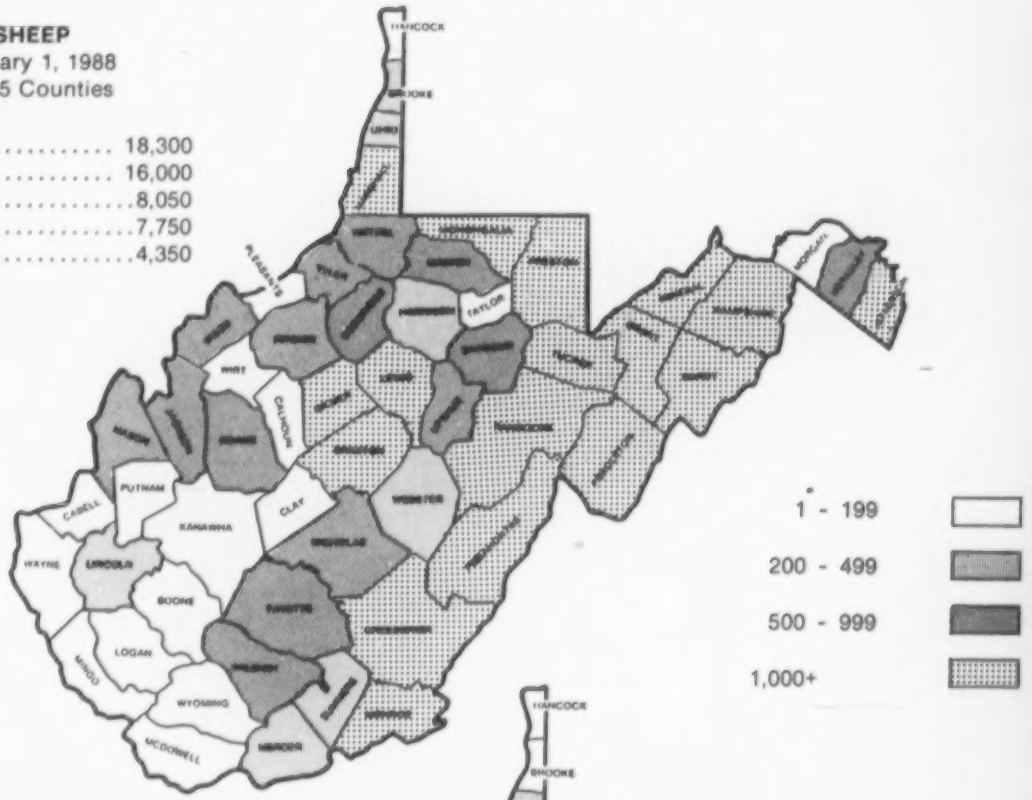
GROSS INCOME, 1983-1987



SHEEP AND HOGS BY COUNTY, 1988

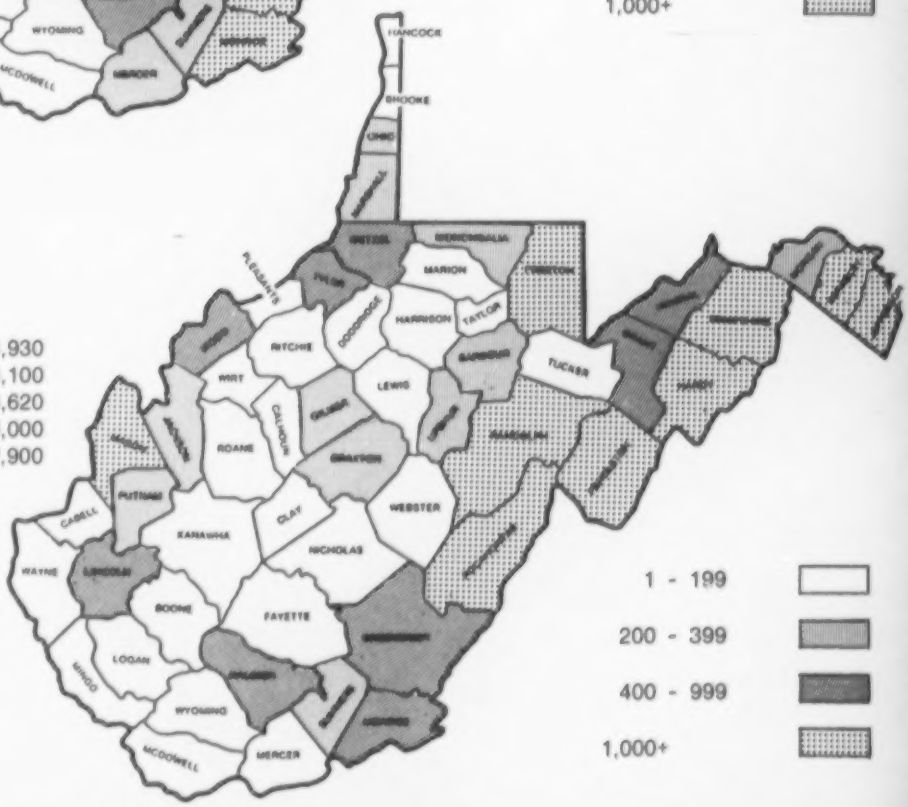
SHEEP
January 1, 1988
Top 5 Counties

Pendleton	18,300
Pocahontas	16,000
Hardy	8,050
Randolph	7,750
Grant	4,350



HOGS & PIGS
December 1, 1987
Top 5 Counties

Berkeley	4,930
Hardy	4,100
Jefferson	3,620
Pendleton	3,000
Mason	2,900



SHEEP AND HOGS: Number on Farms, 1987-1988

County	1987		1988	
	Sheep 1/	Hogs 2/	Sheep 1/	Hogs 2/
	-- Number of Head --			
Barbour	590	330	590	320
Brooke	220	60	250	60
Doddridge	490	100	520	150
Hancock	70	50	80	50
Harrison	380	130	450	130
Lewis	2,000	190	1,700	160
Marion	660	170	580	160
Marshall	1,250	260	1,150	240
Monongalia	1,300	320	1,550	360
Ohio	210	240	270	240
Pleasants	-	140	-	140
Preston	2,500	1,400	3,300	1,350
Ritchie	590	70	640	60
Taylor	180	60	180	80
Tyler	730	550	800	490
Upshur	800	260	680	250
Wetzel	530	310	650	400
Wood	560	660	600	660
NORTHWEST	13,060	5,300	13,990	5,300
Braxton	1,000	360	1,050	340
Cabell	-	200	-	170
Calhoun	60	70	80	50
Clay	70	100	110	90
Fayette	430	160	500	160
Gilmer	1,350	200	1,150	220
Jackson	620	360	870	370
Kanawha	80	140	100	100
Lincoln	250	640	300	600
Logan	-	60	-	60
Mason	400	3,000	650	2,900
Mercer	460	150	320	150
Mingo	-	80	-	60
Nicholas	550	140	760	130
Putnam	140	300	140	260
Raleigh	480	360	510	400
Roane	450	100	510	110
Wayne	70	140	100	130
Webster	280	100	270	70
Wirt	120	80	140	70
Wyoming	200	90	170	-
SOUTHWEST	7,010	6,830	7,730	6,440
Berkeley	460	4,600	500	4,930
Grant	5,050	700	4,350	580
Greenbrier	4,600	650	3,700	580
Hampshire	2,700	2,200	2,650	2,480
Hardy	9,300	4,400	8,050	4,100
Jefferson	1,050	3,600	1,050	3,620
Mineral	1,650	800	1,750	710
Monroe	3,900	1,100	3,550	950
Morgan	70	280	50	300
Pendleton	17,800	3,350	18,300	3,000
Pocahontas	14,800	1,650	16,000	1,560
Randolph	7,200	1,100	7,750	1,000
Summers	340	250	400	240
Tucker	880	120	1,100	150
EAST	69,800	24,800	69,200	24,200
OTHER /3	130	70	80	60
STATE	90,000	37,000	91,000	36,000

1/ As of January 1.
2/ As of December 1 previous year.
3/ Counties with less than 50 head.

WOOL PRODUCTION: Sheep Shorn and Production, By Counties, 1986-1987

County	1986			1987		
	Sheep Shorn	Fleece Weight	Production	Sheep Shorn	Fleece Weight	Production
	-- Head --		-- Pounds --	-- Head --		-- Pounds --
Barbour	480	5.4	2,600	500	5.3	2,990
Brooke	210	9.2	1,930	210	8.9	1,870
Doddridge	570	5.6	3,200	480	5.5	2,650
Hancock	60	6.7	400	80	5.5	440
Harrison	300	5.6	1,680	330	5.6	1,860
Lewis	1,920	5.5	10,550	1,650	5.7	9,330
Marion	600	4.9	2,920	540	5.0	2,700
Marshall	1,270	6.2	7,830	1,250	5.5	6,900
Monongalia	1,450	5.5	7,960	1,250	6.0	7,450
Ohio	200	5.6	1,120	270	5.6	1,520
Preston	2,350	5.7	13,350	2,700	5.8	15,600
Ritchie	490	6.4	3,150	580	5.6	3,220
Taylor	110	7.2	790	130	6.6	860
Tyler	620	6.5	4,060	490	5.8	2,840
Upshur	630	5.3	3,320	410	5.4	2,200
Wetzel	640	5.4	3,450	670	5.6	3,720
Wood	600	6.4	3,850	500	6.7	3,350
NORTHWEST	12,500	5.8	72,160	12,100	5.6	69,500
Braxton	1,060	5.5	5,810	960	5.6	5,350
Cabell	-	-	-	-	-	110
Calhoun	-	-	-	-	-	120
Clay	80	5.5	440	90	4.8	430
Fayette	380	5.0	1,900	320	5.4	1,730
Gilmer	1,150	5.6	6,400	960	5.6	5,350
Jackson	670	6.2	4,180	760	6.1	4,650
Kanawha	-	-	-	130	6.0	780
Lincoln	120	7.3	880	140	6.9	970
Mason	540	6.6	3,540	620	6.6	4,100
Mercer	500	5.7	2,860	460	5.8	2,690
Nicholas	540	5.6	3,030	530	4.7	2,500
Putnam	140	6.2	870	230	6.1	1,410
Raleigh	350	5.6	1,970	380	6.1	2,300
Roane	460	5.0	2,320	520	5.2	2,690
Wayne	100	7.3	730	130	6.5	840
Webster	230	6.4	1,470	200	5.4	1,080
Wirt	80	5.9	470	100	6.6	660
Wyoming	100	5.3	530	70	4.9	340
SOUTHWEST	6,500	5.8	37,400	6,600	5.8	38,100
Berkeley	400	5.3	2,100	500	6.1	3,100
Grant	5,510	5.8	31,900	5,120	5.5	28,100
Greenbrier	4,130	5.6	23,100	3,630	5.5	20,000
Hampshire	1,590	6.2	9,800	1,600	5.4	8,650
Hardy	6,740	6.2	41,650	6,450	5.9	38,200
Jefferson	900	6.3	5,640	980	6.3	6,200
Mineral	1,320	5.8	7,650	1,460	5.3	7,750
Monroe	3,840	6.3	24,100	3,850	5.9	22,700
Morgan	70	5.6	390	70	5.6	390
Pendleton	16,980	5.6	95,000	16,300	5.4	87,400
Pocahontas	10,850	5.7	61,700	10,300	5.5	56,800
Randolph	6,630	5.8	38,400	6,950	5.4	37,700
Summers	270	6.0	1,630	400	5.5	2,200
Tucker	670	6.9	4,620	680	6.2	4,210
EAST	59,900	5.8	347,680	58,300	5.5	323,400
OTHER 1/	100	-	760	-	-	-
STATE	79,000	5.8	458,000	77,000	5.6	431,000

1/ Counties with less than 50 head.

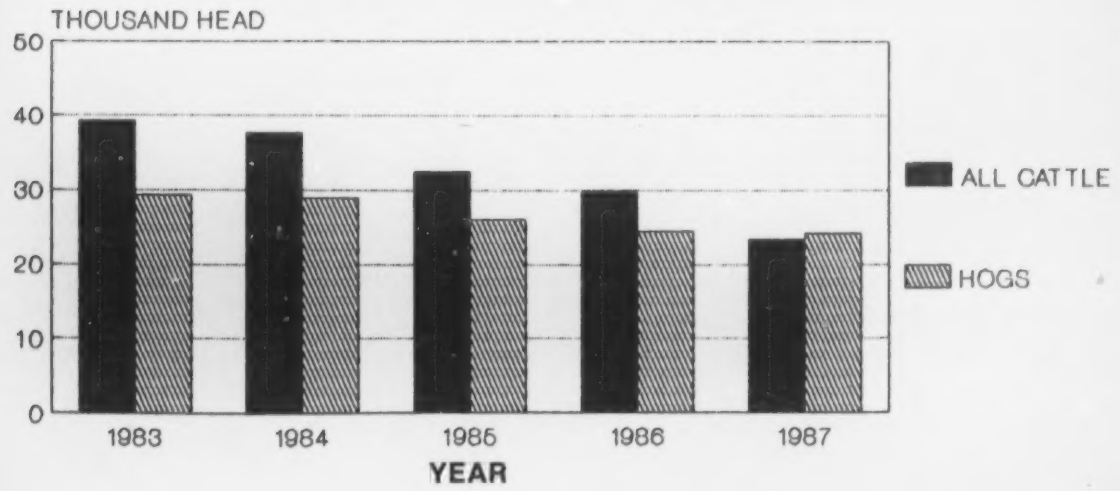
COMMERCIAL LIVESTOCK SLAUGHTER: Number of Head and Liveweight, 1978-1987

Year	Cattle			Calves		
		Liveweight			Liveweight	
	Head	Average	Total	Head	Average	Total
	- Number -	- Pounds -	- (000) Pounds -	- Number -	- Pounds -	- (000) Pounds -
1978	44,400	920	40,834	1,100	283	319
1979	34,700	1,010	35,006	400	277	111
1980	36,500	976	35,602	500	317	158
1981	38,600	946	36,528	500	329	176
1982	38,400	926	35,626	600	297	169
1983	38,400	916	35,184	800	292	241
1984	36,600	921	33,672	1,000	280	279
1985	31,500	951	29,974	900	305	265
1986	29,200	975	28,453	500	309	151
1987	23,000	955	21,966	300	293	98

Year	Hogs			Sheep & Lambs		
		Liveweight			Liveweight	
	Head	Average	Total	Head	Average	Total
	- Number -	- Pounds -	- (000) Pounds -	- Number -	- Pounds -	- (000) Pounds -
1978	27,400	370	10,126	700	98	73
1979	32,300	381	12,309	700	109	80
1980	41,900	358	14,983	800	106	86
1981	37,200	373	13,865	800	106	82
1982	29,900	399	11,904	900	88	83
1983	29,300	387	11,368	1,400	87	124
1984	28,900	379	10,977	1,500	85	129
1985	26,900	400	10,775	1,200	103	127
1986	24,400	403	9,827	800	101	81
1987	24,100	401	1,645	600	107	61

WEST VIRGINIA LIVESTOCK SLAUGHTER

NUMBER OF HEAD SLAUGHTERED, 1983-1987



SLAUGHTER: Total Red Meat Production, 1984-1987

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						-- (000)-- Pounds --							
1984	2,363	1,807	1,846	1,708	1,782	1,620	1,654	1,930	2,267	3,827	3,601	2,737	27,144
1985	2,483	1,835	1,805	1,737	1,708	1,428	1,751	1,777	2,197	3,111	3,009	2,299	25,141
1986	2,082	1,504	1,605	1,703	1,355	1,379	1,430	1,561	2,113	3,041	3,086	2,426	23,285
1987	1,906	1,482	1,485	1,332	1,143	1,113	1,206	1,315	1,763	2,427	2,458	1,972	19,603

SLAUGHTER: Number of Federally Inspected Plants and Head Slaughtered, By Species, By Size Group, United States, 1987 1/

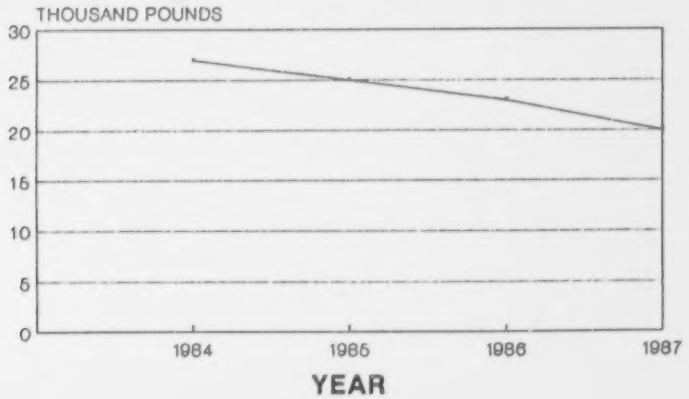
Size Group	Cattle		Size Group	Calves	
	Plants	Head		Plants	Head
	- Number -	- (000) -		- Number -	- (000) -
Under 1,000	907	283.0	Under 100	479	30.1
1,000-9,999	203	688.1	100-999	68	27.8
10,000-49,999	94	2,206.1	1,000-9,999	83	183.6
50,000-99,999	43	3,164.8	10,000 +	56	2,402.0
100,000-249,999	37	6,054.7			
250,00-499,999	14	4,741.8			
500,000 +	19	16,865.4			
Total 2/	1,317	34,004.0	Total 2/	686	2,643.5

Size Group	Hogs		Size Group	Sheep & Lambs	
	Plants	Head		Plants	Head
	- Number -	- (000) -		- Number -	- (000) -
Under 1,000	811	319.0	Under 100	653	17.1
1,000-9,999	196	596.1	100-999	171	50.0
10,000-99,999	88	3,077.0	1,000-9,999	60	171.3
100,000-249,999	13	2,414.2	10,000 +	22	4,763.5
250,000-499,999	13	5,440.7			
500,00-999,999	25	12,576.6			
1,000,000-1,499,999	13	10,114.2			
1,500,000 +	23	43,588.9			
Total 2/	1,182	78,126.7	Total 2/	906	5,001.9

1/ Includes data from 1/4/87-12/27/87.
2/ Total may not add due to rounding.

WEST VIRGINIA RED MEAT PRODUCTION

TOTAL POUNDS PRODUCED, 1984-1987



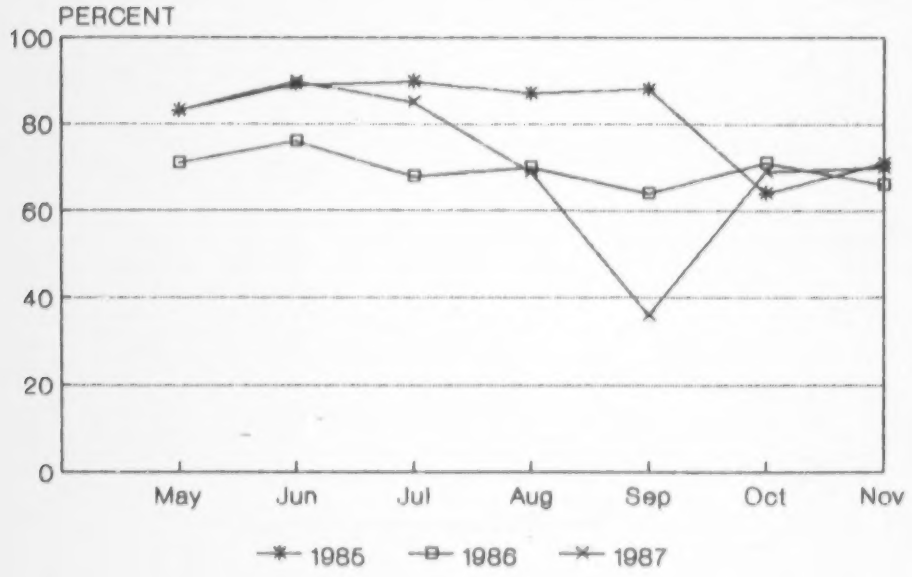
PASTURE CONDITION: Percent of Normal, April-November, 1978-1987

Year	April	May	June	July	Aug.	Sept.	Oct.	Nov.
	-- Percent of Normal First of Month --							
1978	62	69	86	92	91	92	89	82
1979	78	83	91	92	93	94	93	91
1980	76	84	93	92	89	92	85	77
1981	71	85	88	93	89	74	77	72
1982	78	72	72	84	84	83	75	73
1983	79	76	90	90	78	54	52	62
1984	71	75	86	74	81	87	74	79
1985	85	83	89	90	87	88	64	71
1986	1/	71	76	68	70	64	71	66
1987	1/	83	90	85	69	36	69	70

1/ Estimate discontinued.

WEST VIRGINIA PASTURE CONDITION

PERCENT OF NORMAL, MAY-NOVEMBER 1985-1987



HONEY: Number of Colonies, Production, Stocks and Values, 1984-1987

Year	Producing Colonies	Production		January 1 Stocks 1/	Value Per Pound	Total
		Per Colony	Total			
	- 000 -	- Lbs. -	- 000 Lbs. -	- 000 Lbs. -	- Dollars -	- 000 Dollars -
1984	20	44.0	880.0	193.6	1.00	880.0
1985	20	41.3	826.0	244.4	1.00	826.0
1986	17	30.0	510.0	260.0 2/	0.79	403.0
1987	21	41.0	861.0	207.0	0.70	603.0

1/ January 1, following year.
2/ Stocks as of December 15.

DAIRY SUMMARY

The average number of dairy cows in West Virginia during 1987 was 32,000 head, down from the 33,000 head of 1986. The total amount of milk produced was 349 million pounds, down from the 375 million pounds produced in 1986. The amount of milk used on the farm totaled 9 million pounds, the same as in 1986. The 340 million pounds marketed was 26 million pounds below the 1986 total. The cash receipts from these pounds marketed totaled $41.6 million, down from the $46.6 million in 1986. The gross value of all milk produced, including home consumption, totaled $45.1 million, down from the $47.8 million of 1986.

MILK: Production of Milk and Milkfat, 1978-1987

Year	Number of Milk Cows on Farms	Production of Milk and Milkfat				
		Per Milk Cow		Percentage of Fat in Milk Produced	Total	
		Milk	Milkfat		Milk	Milkfat
	- (000) -	- Pounds -		- Percent -	- Million Pounds -	
1978	37	9,324	345	3.70	345	13
1979	37	9,459	348	3.68	350	13
1980	37	9,459	348	3.68	350	13
1981	36	9,722	358	3.65	349	13
1982	36	9,694	354	3.65	365	13
1983	36	10,139	370	3.65	365	13
1984	34	10,853	400	3.69	369	14
1985	34	11,235	412	3.67	382	14
1986	33	11,364	418	3.68	375	14
1987	32	10,906	400	3.67	349	13

MILK: Disposition and Marketings, 1978-1987

Year	Used on Farms Where Produced			Marketed by Farmers		
				Sold		
	Fed to Calves	Used For Milk, Cream and Butter	Total	To Plants & Dealers	Directly to Consumers	Total
	-- Million Pounds --					
1978	6	18	24	314	7	321
1979	6	18	24	319	7	326
1980	8	10	18	322	10	332
1981	6	7	13	330	7	337
1982	5	4	9	337	3	340
1983	6	4	10	348	7	355
1984	6	4	10	352	7	359
1985	6	4	10	365	7	372
1986	5	4	9	359	7	366
1987	5	4	9	333	7	340

MILK: Marketings and Income, 1978-1987

Year	Combined Marketings of Milk and Cream				Used for Milk, Cream and Butter Where Produced		Gross Producer Income
	Milk Utilized	Avg. Returns 1/ Per Cwt. Milk	Avg. Returns 1/ Per Lb. Milkfat	Cash Receipts From Marketings 2/	Milk Utilized	Value 3/	
	- Million Lbs. -	- Dollars -		- (000) Dollars -	- Million Lbs. -	- 000 Dollars -	
1978	321	10.98	2.97	35,259	18	1,976	37,235
1979	330	12.40	3.37	40,906	14	1,735	42,642
1980	332	13.43	3.65	44,604	10	1,343	45,948
1981	337	14.08	3.83	47,461	7	986	48,447
1982	340	13.70	3.75	46,585	4	548	47,134
1983	355	13.84	3.79	49,119	4	553	49,672
1984	359	13.67	3.71	49,089	4	547	49,636
1985	372	13.18	3.59	49,038	4	527	49,566
1986	366	12.74	3.46	46,632	4	510	47,142
1987 4/	340	12.91	3.52	43,904	4	517	44,421

1/ Cash receipts divided by milkfat represented in combined marketings.
2/ Average returns per 100 pounds of milk in combined marketings of milk and cream.
3/ Cash receipts from milk and cream plus home consumption of milk and producer-churned butter.
4/ Preliminary.

MILK PRODUCTION: Number of Cows and Production, Quarterly, 1978-1987

Year	Jan.-March	April-June	July-Sept.	Oct.-Dec.	Annual
		AVERAGE NUMBER OF COWS (Thousand Head)			
1978	38	37	37	37	37
1979	37	37	37	37	37
1980	37	36	37	37	37
1981	36	36	36	36	36
1982	36	35	35	36	36
1983	37	36	36	36	36
1984	35	33	33	33	34
1985	34	34	34	34	34
1986	34	33	32	32	33
1987	32	32	31	31	32
		PRODUCTION PER COW (Pounds)			
1978	2,263	2,432	2,345	2,220	9,324
1979	2,851	2,432	2,324	2,351	9,459
1980	2,350	2,500	2,380	2,300	9,459
1981	2,420	2,560	2,340	2,420	9,722
1982	2,416	2,600	2,390	2,416	9,694
1983	2,405	2,556	2,417	2,694	10,139
1984	2,686	2,818	2,758	2,758	10,853
1985	2,647	2,824	2,941	2,824	11,235
1986	2,706	3,000	2,875	2,875	11,364
1987	2,781	2,781	2,774	2,742	10,906
		TOTAL PRODUCTION (Million Pounds)			
1978	86	90	87	82	345
1979	87	90	86	87	350
1980	87	90	88	85	350
1981	87	92	84	87	350
1982	87	91	84	87	349
1983	89	92	87	97	365
1984	94	93	91	91	369
1985	90	96	100	96	382
1986	92	99	92	92	375
1987	89	89	86	85	349

DAIRY PRODUCTS: Ice Cream Production, Monthly and Annual, 1983-1987

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						-- (000) Gallons --							
1983	161	181	245	227	270	311	319	270	246	218	170	151	2,769
1984	149	203	208	238	258	324	292	279	239	239	197	167	2,793
1985	211	218	315	290	290	267	330	289	259	249	221	179	3,118
1986	185	197	234	306	261	270	324	304	252	253	205	207	2,998
1987	138	208	277	245	280	320	282	288	255	179	176	107	2,755

DAIRY PRODUCTS: Ice Milk Production, Monthly and Annual, 1983-1987

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						-- (000) Gallons --							
1983	78	96	148	174	216	235	222	237	160	138	89	90	1,883
1984	123	148	199	192	254	311	252	254	202	177	116	100	2,328
1985	87	91	149	171	225	191	222	218	153	133	92	67	1,799
1986	89	92	158	182	198	232	214	191	150	141	77	98	1,822
1987	78	77	180	212	257	264	242	241	181	134	118	85	2,069

DAIRY PRODUCTS: Milk Sherbet Production, Monthly and Annual, 1983-1987

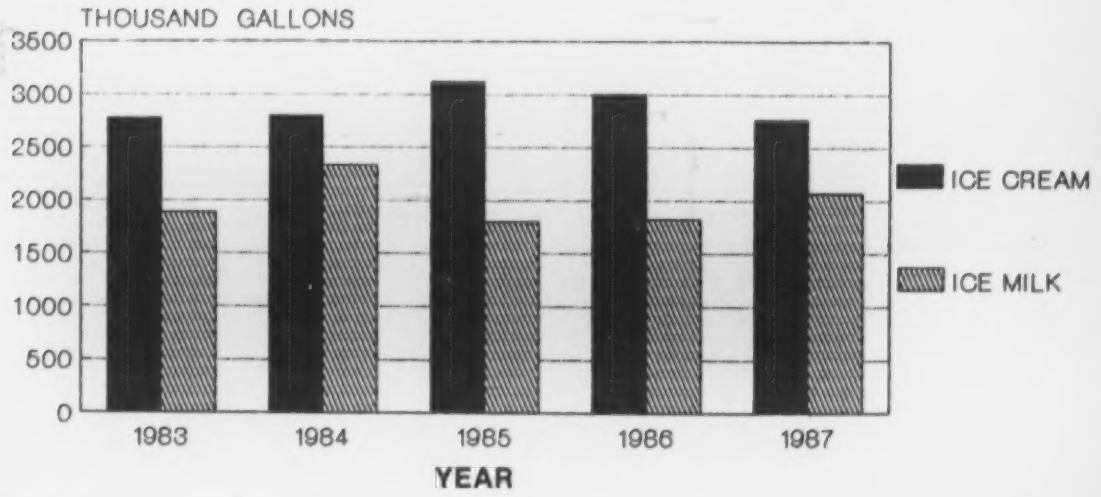
Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						-- (000) Gallons --							
1983	11	10	12	13	11	19	23	11	15	7	11	11	154
1984	8	18	13	12	13	19	16	14	14	13	12	13	165
1985	13	10	17	21	23	14	25	19	14	11	12	17	196
1986	11	9	16	18	21	18	22	21	15	13	14	17	195
1987	10	10	14	12	13	22	18	16	13	10	12	5	155

DAIRY MANUFACTURING PLANTS: Number, 1983-1987

1983	1984	1985	1986	1987
8	8	8	6	6

WEST VIRGINIA DAIRY PRODUCTS

ICE CREAM & ICE MILK PRODUCTION, 1983-1987



POULTRY SUMMARY

The total number of all chickens as of December 1, 1987, was 721,000 birds, excluding commercial broilers. This is up from the 670,000 birds in 1986. The inventory value was $2.27 million, down from the $2.28 million of 1986.

The average number of layers during 1987 was 492,000, up from the 483,000 of 1986. These layers produced 108 million eggs, down from the 109 million of 1986. The gross income for eggs, including home consumption, was $7.22 million, down from the $7.47 million of 1986.

Commercial broilers produced during 1987 totaled 32.8 million birds, up from the 29.0 million birds in 1986. The pounds produced totaled 121.3 million pounds, up from the 104.4 million pounds in 1986. The average price per pound was 25.5 cents, down from the 36.5 cents in 1986. The value of production totaled $30.9 million, down from the $38.1b million of 1986.

The number of turkeys raised in 1987 totaled 2.40 million birds, up from the 2.22 million in 1986. The pounds produced totaled 44.6 million, up from the 38.9 million in 1986. The average price per pound was 30.0 cents, down from the 49.0 cents of 1986. The value of production totaled $13.4 million, down from the $19.0 million of 1986.

CHICKENS: Number of Farms and Value, 1978-1987 1/

Year	All Chickens	Hens & Pullets Of Laying Age	Hens & Pullets Not Of Laying Age	Other Chickens	Value	
					Per Head	Total
	-- (000) Head --				- Dollars -	- (000) Dollars -
1978	1,020	760	225	35	1.65	1,683
1979	940	780	133	27	1.70	1,598
1980	970	810	88	72	2.65	2,571
1981	812	609	150	53	2.45	1,989
1982	800	585	144	71	3.85	3,080
1983	870	610	180	80	4.00	3,480
1984	790	540	188	62	3.80	3,002
1985	710	471	2/	2/	4.15	2,947
1986	670	498	116	56	3.40	2,278
1987	721	549	118	54	3.15	2,271

1/ Excludes commercial broilers.
2/ Data not shown to avoid disclosing individual operations.

CHICKENS: Number of Head, By Counties, 1986-1987 1/

County	Number of Head 1986	Number of Head 1987	County	Number of Head 1986	Number of Head 1987	County	Number of Head 1986	Number of Head 1987
Barbour	2,700	3,300	Boone	1,600	2,300	Berkeley	49,100	2,500
Brooke	700	700	Braxton	2,500	2,250	Grant	16,500	13,800
Doddridge	1,700	1,550	Cabell	2,700	1,550	Greenbrier	11,700	4,250
Hancock	1,100	3,750	Calhoun	1,000	1,250	Hampshire	64,200	129,500
Harrison	6,400	3,600	Clay	800	1,900	Hardy	158,500	319,800
Lewis	1,400	2,900	Fayette	800	1,100	Jefferson	99,400	2,200
Marion	1,400	2,150	Gilmer	2,300	2,900	Mineral	30,200	64,600
Marshall	2,500	2,100	Jackson	3,000	4,800	Monroe	4,300	4,650
Monongalia	2,500	3,400	Kanawha	2,800	4,150	Morgan	1,600	2,300
Ohio	1,100	500	Lincoln	4,400	5,300	Pendleton	7,100	150
Pleasants	300	450	Logan	600	350	Pocahontas	4,000	4,000
Preston	21,000	9,800	Mason	28,100	52,900	Randolph	2,100	2,150
Ritchie	3,200	1,600	McDowell	200	150	Summers	1,700	1,900
Taylor	7,500	950	Mercer	16,500	1,700	Tucker	5,400	10,900
Tyler	2,300	3,550	Mingo	2,300	2,050			
Upshur	1,800	1,900	Nicholas	10,100	10,050	EAST	455,800	562,700
Wetzel	900	1,700	Putnam	5,000	2,650			
Wood	56,700	4,600	Raleigh	5,200	1,000			
			Roane	2,900	2,600			
NORTHWEST	115,200	48,500	Wayne	1,300	1,500			
			Webster	1,300	2,100			
			Wirt	1,600	1,350	STATE	670,000	721,000
			Wyoming	2,000	3,900			
			SOUTHWEST	99,000	109,800			

1/ Excludes commercial broilers.

CHICKENS AND EGGS: Number of Layers and Production, Quarterly, 1978-1987

Year	Dec.-Feb. 1/	March-May	June-Aug.	Sept.-Nov.	Annual
		Average Number of Layers (Thousand Head)			
1978	695	620	625	720	665
1979	765	760	740	755	755
1980	734	639	545	655	643
1981	766	677	623	612	670
1982	595	575	635	643	612
1983	613	620	596	600	607
1984	623	609	549	528	577
1985	550	565	539	490	536
1986	478	481	482	491	483
1987	507	502	463	494	492
		Eggs Per 100 Layers			
1978	5,715	5,980	5,888	5,624	23,158
1979	5,625	6,118	6,146	5,824	23,576
1980	5,722	6,260	5,505	5,649	23,173
1981	5,613	6,056	6,100	5,392	23,134
1982	5,373	5,796	5,980	5,833	23,039
1983	5,546	5,645	5,705	5,500	22,405
1984	5,297	5,747	6,011	5,871	22,877
1985	5,818	5,664	5,566	5,510	22,575
1986	5,439	5,821	5,809	5,499	22,567
1987	5,325	5,578	5,832	5,263	21,951
		Total Eggs produced (Million Eggs)			
1978	40	37	37	40	154
1979	43	46	45	44	178
1980	42	40	30	37	149
1981	43	41	38	33	155
1982	32	33	38	38	141
1983	34	35	34	33	136
1984	33	35	33	31	132
1985	32	32	30	27	121
1986	26	28	28	27	109
1987	27	28	27	26	108

1/ December preceding year.

CHICKENS: Lost, Sold and Value 1/, 1978-1987

Year	Number Lost	Number Sold	Pounds Sold	Average Price Per Pound	Value of Sales
	-- (000) Head --		- (000) -	- Cents -	- (000) Dollars -
1978	130	600	2,760	13.5	373
1979	150	700	3,220	12.5	403
1980	150	760	3,496	9.4	329
1981	190	600	3,600	9.4	338
1982	120	600	3,600	8.7	313
1983	110	480	2,880	11.7	337
1984	100	500	3,000	15.5	465
1985	110	510	2,295	14.0	321
1986	104	400	1,800	12.0	216
1987	90	370	1,665	10.0	167

1/ Estimates cover the 12-month period (December 1, previous year through November 30) and excludes commercial broilers.

EGGS: Production, Disposition and Income, 1978-1987

Year	Layers 1/	Eggs produced Per Layer 2/	Total Eggs Produced	Price Per Dozen	Value Of Production
	- (000) -	- Number -	- Million Eggs -	- Cents -	- (000) Dollars -
1978	665	232	154	61.5	7,893
1979	755	236	178	69.4	10,294
1980	644	231	149	67.4	8,369
1981	670	231	155	74.5	9,623
1982	612	230	141	76.0	8,930
1983	607	224	136	81.7	9,260
1984	577	229	132	92.8	10,208
1985	536	226	121	83.2	8,389
1986	483	226	109	82.2	7,466
1987	492	220	108	80.2	7,218

1/ Average number during the year.
2/ Eggs produced during year divided by average layers on hand during year.

CHICKENS: Commercial Broilers, Production and Income, 1978-1987

Year	Number Produced	Pounds Produced	Average Price Per Pound	Value of Production
	-- Thousands --		- Cents -	- (000) Dollars -
1978	16,197	50,211	29.0	14,561
1979	18,743	63,726	28.5	18,162
1980	21,786	76,251	31.0	23,638
1981	24,990	87,465	32.0	27,989
1982	26,140	94,104	28.5	26,820
1983	28,594	105,798	32.0	33,855
1984	26,020	96,274	37.0	35,621
1985	25,689	95,049	31.0	29,465
1986	29,010	104,436	36.5	38,119
1987	32,770	121,249	25.5	30,918

TURKEYS: Production and Income, 1978-1987

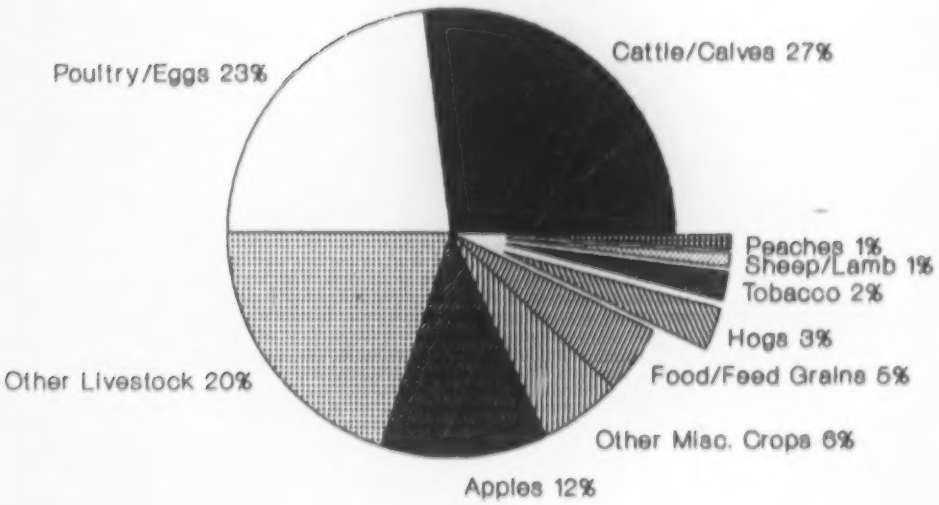
Year	Number Raised	Pounds Produced	Average Price Per Pound	Value of Production
	- (000) Head -	- (000) Pounds -	- Cents -	- (000) Dollars -
1978	2,105	34,101	40.0	13,640
1979	2,633	47,394	40.0	18,958
1980	2,282	39,935	40.0	15,974
1981	2,149	34,384	38.0	13,066
1982	2,115	34,686	39.0	13,528
1983	1,849	32,727	40.0	13,091
1984	2,300	45,540	51.0	23,225
1985	2,400	49,440	51.0	25,214
1986	2,220	38,850	49.0	19,037
1987	2,400	44,640	30.0	13,392

CASH RECEIPTS FROM FARM MARKETINGS: 1983-1987

Commodity	1983	1984	1985	1986	1987 1/
			-- (000) Dollars --		
Livestock Products	170,111	182,654	189,861	155,895	168,959
Cattle and Calves	51,222	55,753	70,837	35,457	61,882
Hogs	9,230	3,336	3,702	5,354	7,535
Sheep and Lambs	3,384	3,328	2,639	2,906	3,066
Dairy Products	49,119	49,089	49,038	46,632	43,904
Poultry and Eggs	56,066	68,978	63,396	64,845	51,702
Other Livestock	1,090	2,170	249	701	870
Crops	39,891	47,603	62,006	71,185	57,466
Food Grains	702	666	400	315	380
Feed Crops	7,032	9,715	17,584	11,684	10,213
Tobacco	8,902	5,535	6,992	4,282	3,833
Vegetables	1,118	1,455	1,540	1,292	1,100
Apples	19,043	22,513	24,399	37,752	27,176
Peaches	2,594	2,901	17 2/	3,338	2,281
Other Misc. Crops 3/	500	4,818	11,074	12,522	12,483
All Commodities	210,002	230,257	251,867	227,080	226,425

1/ Preliminary.
2/ Crop failure due to frost.
3/ Includes greenhouse/nursery and forest products for 1984-87.

WEST VIRGINIA CASH RECEIPTS
BY COMMODITY, 1987



FARM INCOME INDICATORS: 1982-1986

Item	1982	1983	1984	1985	1986
			-- Million Dollars --		
Gross farm income 1/	353.4	353.0	391.0	352.6	364.9
Cash income	252.4	256.3	283.5	304.5	291.3
Farm marketings	212.5	210.0	229.8	247.1	226.8
Crops	42.4	39.9	47.1	56.4	70.8
Livestock and products	170.2	170.1	182.7	190.7	156.0
Government payments	2.5	4.0	5.8	4.3	8.4
Other farm income	37.4	42.3	47.8	53.5	56.2
Machine hire/customwork	.8	.5	.6	.9	.6
Other farm-related income 2/	36.6	41.8	47.2	52.6	55.6
Noncash income	112.3	103.3	95.7	72.0	71.2
Value of home consumption	15.9	17.6	17.3	10.1	11.7
Rental value of dwellings	96.4	85.7	78.3	61.9	59.5
Operator dwellings	96.0	85.3	77.9	61.5	59.1
Hired laborer dwelings	.4	.4	.4	.4	.4
Value of inventory adjustment	-11.3	-6.6	12.6	-24.3	2.4
Total production expenses 1/	346.0	355.8	346.6	314.3	299.1
Intermediate product expenses	166.6	181.8	177.9	166.1	156.6
Farm origin	63.9	76.7	72.7	62.6	61.1
Feed purchased	51.2	64.6	59.1	48.8	45.6
Livestock and poultry purchased	9.5	9.1	10.1	10.5	12.5
Seed purchased	3.2	3.0	3.5	3.4	3.0
Manufactured inputs	37.1	35.3	34.5	35.4	27.6
Fertilizer and lime	12.2	11.2	10.3	12.3	8.7
Pesticides	5.0	4.9	5.6	5.7	5.1
Fuel and oil	15.8	15.0	14.3	13.2	9.6
Electricity	4.0	4.2	4.3	4.2	4.2
Other	36.5	69.7	70.8	68.0	67.9
Repair and maintenance	37.9	38.6	37.6	36.4	37.9
Other miscellaneous 3/	28.1	31.2	33.2	31.7	30.0
Interest	38.0	37.8	36.6	31.5	30.5
Real estate	25.6	26.0	25.4	21.1	19.5
Nonreal estate	12.5	11.9	11.2	10.4	11.0
Contract and hired labor expenses	24.0	23.1	23.1	23.1	23.5
Cash labor expenses 4/	22.2	21.4	21.2	21.5	22.0
Perquisites	1.8	1.8	1.9	1.8	1.5
Net rent to nonoperator landlords 5/	.6	-.6	2.9	2.2	2.8
Capital consumption	110.2	106.8	99.6	84.4	79.1
Property taxes	6.2	6.8	6.4	6.8	6.6
NET FARM INCOME	7.4	-2.8	45.3	38.3	65.8
Cash income 6/	252.4	256.3	283.5	304.9	291.3
Cash expenses 6/	216.7	230.5	229.8	213.9	206.9
Intermediate product expenses	157.5	172.7	169.6	158.2	148.3
Interest	32.2	32.2	31.5	26.9	29.0
Cash labor expenses 4/	22.2	21.4	21.2	21.5	22.0
Net rent to nonoperator landlords 5/	.6	-.6	2.9	2.2	2.8
Property taxes	4.2	4.7	4.6	5.1	4.9
NET CASH INCOME	35.7	25.8	53.6	91.0	84.3
Cash income	252.4	256.3	283.5	304.9	291.3
Cash expenses	216.7	230.5	229.8	213.9	206.9
Capital consumption	79.5	79.6	74.9	64.7	60.2
NET BUSINESS INCOME 7/	-43.8	-53.8	-21.3	26.2	24.2
Gross receipts of farms 8/	257.4	267.7	313.9	291.1	305.8
Nonfactor payments 6/	241.2	257.0	249.1	228.1	213.4
Intermediate product expenses	157.5	172.7	169.6	158.2	149.3
Capital consumption	79.5	79.6	74.9	64.7	60.2
Property taxes	4.2	4.7	4.6	5.1	4.9
Factor payments 6/	16.2	10.7	64.9	63.0	92.4
Interest	32.2	32.3	31.5	26.9	29.0
Contract and hired labor expenses	24.0	23.1	23.1	23.3	23.5
Net rent to nonoperator landlords 5/	.6	-.6	2.9	2.2	2.8
RETURNS TO OPERATORS 9/	-40.7	-44.2	7.3	10.6	37.2
Off-farm income 10/	320.6	325.8	337.2	374.3	393.4

Source: Economic Indicators of the Farm Sector, USDA, ERS.

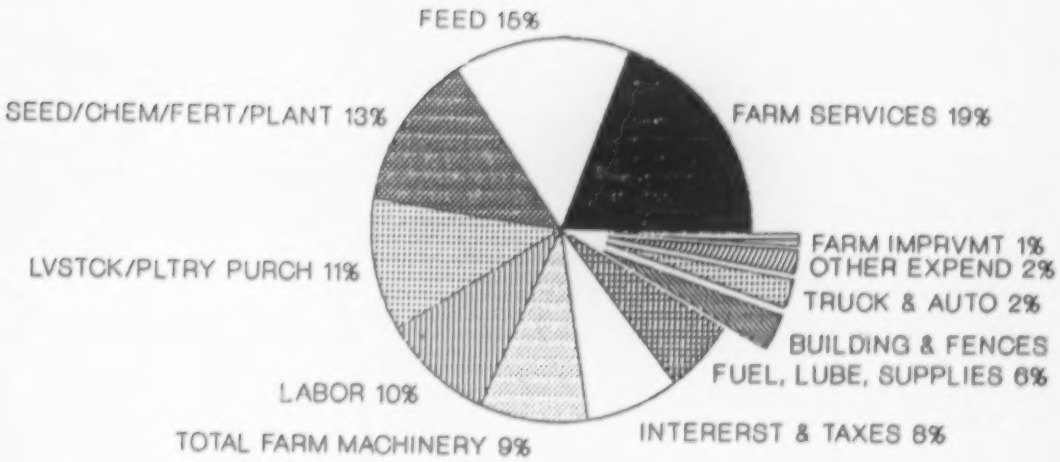
FARM PRODUCTION EXPENDITURES: Appalachian Region 1/, 1987

Appalachian Region	Farms Reporting	Average Per Farm	Total Expenditure
	- Percent -	- Dollars -	- (000) Dollars -
Total Farm Production Expenditures	100.0	22,533	7,616,001
Livestock and Poultry Purchases	36.3	2,548	861,187
Feed	72.6	3,430	1,159,230
Farm Services	98.0	4,399	1,486.749
Agricultural Chemicals	69.8	751	253,718
Fertilizer	83.1	1,596	539,617
Interest	38.3	1,396	471,937
Taxes	92.1	426	143,997
Labor	52.7	2,189	739,734
Fuels and Lubricants	93.8	1,007	340,359
Farm Supplies	72.5	382	129,039
Building and Fencing	55.7	710	239,987
Farm and Land improvements	12.2	109	36,912
Total Farm machinery	82.4	2,087	705,564
Seeds and Plants	72.6	639	216,045
Trucks and Autos	15.5	553	187,060
Other Unallocated Expenses	N/A	310	104,865

1/ Kentucky, North Carolina, Tennessee, Virginia and West Virginia.

FARM PRODUCTION EXPENDITURES

APPALACHIAN REGION, 1987



PRICES RECEIVED: Annual Average, Selected Crops, 1978-1987

Year	Corn Per Bushel	All Hay Per Ton	Oats Per Bushel	Winter Wheat Per Bushel	Peaches Per Pound
			-- Dollars --		- Cents -
1978	2.20	47.00	1.15	3.00	18.0
1979	2.50	50.00	1.35	4.00	17.3
1980	3.30	60.00	1.65	4.00	13.4
1981	2.64	63.00	1.90	3.65	15.5
1982	2.55	63.00	1.50	3.35	23.5
1983	3.31	71.00	1.65	3.45	14.0
1984	2.70	70.50	1.75	3.35	17.2
1985	2.23	60.00	1.20	2.95	-
1986	1.50	55.00	1.00	2.40	15.1
1987	1.75	58.00	1.45	2.45	14.0

PRICES RECEIVED: Monthly and Annual Average, Apples and Tobacco, 1983-1987

Crop Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							-- Cents Per Pound --						
							Apples						
1983	14.0	14.0	15.0	15.0	-	-	-	-	13.6	12.0	13.0	13.0	13.5
1984	11.5	11.0	12.0	13.0	-	-	-	-	20.0	19.0	19.0	18.0	15.3
1985	15.0	15.5	16.0	16.0	-	-	-	-	16.0	15.0	15.0	15.0	15.3
1986	15.0	16.0	16.0	15.5	-	-	-	-	17.5	16.5	16.0	16.5	16.8
1987	16.5	16.5	17.0	17.0	-	-	-	-	13.5	12.2	10.3	10.3	11.7
							Tobacco						
1983	173.4	-	-	-	-	-	-	-	-	-	177.5	176.0	-
1984	173.8	-	-	-	-	-	-	-	-	-	180.9	180.1	-
1985	179.1	-	-	-	-	-	-	-	-	-	154.3	156.2	-
1986	156.7	154.1	-	-	-	-	-	-	-	-	156.3	155.0	-
1987	150.5	-	-	-	-	-	-	-	-	-	153.2	147.5	-

PRICES RECEIVED: Annual Average, Cattle, 1978-1987

Year	Cows	Steers & Heifers	All Beef 1/	Calves
			-- Dollars Per Cwt. --	
1978	34.40	46.00	41.10	57.90
1979	47.70	65.80	55.70	79.50
1980	44.50	60.00	52.80	79.30
1981	38.90	52.30	47.50	66.90
1982	37.70	48.00	43.10	61.10
1983	38.30	47.50	43.10	58.60
1984	35.20	52.30	45.50	53.00
1985	32.60	55.00	46.00	56.60
1986	30.70	53.10	46.40	56.20
1987	39.90	65.00	57.50	68.70

1/ Cows, steers and heifers combined.

PRICES RECEIVED: Annual Average, Dairy, 1978-1987

Year	Milk Cows	All Milk Sold To Plants	Retailed By Farmers
	- Dollars -	- Dollars Per Cwt. -	- Dollars Per Quart -
1978	500.00	10.70	-
1979	950.00	12.10	-
1980	1,040.00	13.00	-
1981	1,000.00	13.80	.59
1982	1,000.00	13.60	.54
1983	855.00	13.60	.55
1984	855.00	13.40	.59
1985	845.00	12.90	.60
1986	815.00	12.40	.65
1987	850.00	12.50	.70

PRICES RECEIVED: Annual Average, Hogs, Sheep and Wool, 1978-1987

Year	Hogs			Sheep & Wool		
	Barrows & Gilts	Sows	All Hogs	Lambs	Sheep	Wool
	-- Dollars Per Cwt. --					- Dollars Per Lb. -
1978	-	-	45.40	57.20	20.00	.81
1979	-	-	38.70	61.60	23.70	.88
1980	-	-	37.80	61.60	20.70	.78
1981	45.20	38.50	44.60	54.30	17.90	.87
1982	53.90	48.60	53.40	52.60	16.80	.40
1983	47.50	39.40	46.70	48.10	12.70	.46
1984	49.30	42.00	49.40	59.50	13.50	.79
1985	44.40	36.80	44.00	67.80	17.50	.58
1986	48.70	41.90	48.00	66.50	19.30	.65
1987	52.90	43.30	52.50	74.10	23.70	.62

PRICES RECEIVED: Annual Average, Poultry, 1978-1987

Year	Broilers	Other Chickens	Market Eggs 1/	All Eggs	Turkeys
	-- Cents Per Lb. --		--Cents Per Dozen --		- Cents Per Lb. -
1978	29.0	13.5	-	61.5	40.5
1979	28.5	12.5	-	69.4	40.0
1980	31.0	9.4	-	67.4	40.0
1981	32.0	9.4	-	74.5	38.0
1982	28.5	8.7	70.5	70.5	39.0
1983	32.0	11.7	60.8	81.7	40.0
1984	37.0	15.5	80.0	92.8	51.0
1985	31.0	14.0	61.0	83.2	51.0
1986	36.5	12.0	65.0	82.2	49.0
1987	25.5	10.0	58.0	80.2	30.0

1/ Not available prior to 1982.

PRICES PAID FUEL: Quarterly and Annual Average, Appalachian Region, 1987-1978

Type	January	April	July	October	Annual
	-- Dollars Per Gallon --				
Gasoline, Unleaded 2/	.88	.92	.97	.98	.94
Gasoline, Leaded	.85	.89	.93	.92	.90
Diesel Fuel	.73	.74	75	.76	.75
L. P. Gas	.76	.78	.75	.77	.77

1/ Prices include all taxes, Appalachian region consists of Kentucky, North Carolina and Tennessee.
2/ Prices pumped at service station. All other types of gasoline are bulk delivery prices.

PRICES PAID FEED: Quarterly and Annual Average, Appalachian Region, 1987

Type	January	April	July	October	Annual
	-- Dollars Per Ton --				
Beef Concentrate 32%	232.00	238.00	222.00	229.00	230.25
Corn Meal	128.00	134.00	144.00	130.00	134.00
Dairy Feed 16%	155.00	158.00	155.00	158.00	156.50
Dairy Concentrate 32%	230.00	230.00	247.00	240.00	236.75
Hog Concentrate 38%	266.00	264.00	284.00	293.00	276.75
Laying Feed	165.00	175.00	186.00	167.00	173.25
Soybean Meal 44%	230.00	226.00	254.00	254.00	241.00

1/ Kentucky, North Carolina and Tennesse.

WEST VIRGINIA AGRICULTURAL STATISTICS REPORT ORDER FORM

Report	Annual Subscription Fee	Check Below
WEST VIRGINIA MOUNTAIN STATE REPORTER—Issued eight times per year. This report covers the following major topics when they become available during the year. CROP PRODUCTION—Acres planted, harvested, yield and production; forecasts and final estimates. GRAIN & HAY STOCKS FRUIT—Production forecasts and final estimates. AGRICULTURAL PRICES—Paid and Received CATTLE—Inventory, calf crop and value. HOGS—Inventory, pig crop and value. SHEEP—Inventory, lamb crop and value. WOOL—Production, number sheep shorn and value. LAYERS AND EGG PRODUCTION MILK COWS AND PRODUCTION MANUFACTURED DAIRY PRODUCTION LIVESTOCK SLAUGHTER FARM LABOR BROILERS TURKEYS SPECIAL ITEMS INCLUDED AS AVAILABLE.	$10.00	☐
WEST VIRGINIA CROP WEATHER BULLETIN—issued weekly, update of weather and crop progress: Mid-April through Mid-October.	$10.00	☐
WEST VIRGINIA AGRICULTURAL STATISTICS—issued annually. Contains State and County crop and livestock estimates with historic comparisons.	$ 5.00	☐

HOW TO ORDER—Check items ordered above, add up subscription fees and enter total costs below. Make check or money order payable to USDA/NASS.

ENCLOSED IS $_____

Send order form and remittance to:

AGRICULTURAL STATISTICS BOARD PUBLICATIONS
ROOM 5829 SOUTH BUILDING
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, DC 20250

Please complete the following:

COMPANY OR PERSONAL NAME _____

ADDITIONAL NAME OR ATTENTION LINE _____

STREET ADDRESS, RT., BOX, ROOM, etc. _____

CITY _____ STATE _____ ZIP _____

ORDER FORM
AGRICULTURAL STATISTICS BOARD REPORTS

Report Title	Subscription Fee Domestic	Foreign
FIELD CROP SERIES		
☐ Crop Production (monthly/annual) Plus single copies of Prospective Plantings Winter Wheat & Rye Seedings	$30.00	$37.50
☐ Peanut Stocks & Processing (Monthly)	18.00	22.50
☐ Grain Stocks (4 issues)	12.00	15.00
☐ Potatoes One issue plus 6 copies of: Potato Stocks	9.50	11.90
☐ Rice Stocks (4 issues)	5.00	6.25
FRUIT & VEGETABLE CERIES		
☐ Celery (monthly)	17.00	21.25
☐ Noncitrus Fruits & Nuts (midyear/annual)	8.50	10.65
☐ Vegetables Twelve seasonal issues plus an Annual	13.00	16.25
LIVESTOCK SERIES		
☐ Cattle Two issues plus monthly issues of: Cattle on Feed	22.00	27.50
☐ Hogs & Pigs (4 issues)	10.00	12.50
☐ Livestock Slaughter (monthly/annual)	20.00	25.00
POULTRY SERIES		
☐ Egg Products (monthly)	18.00	22.50
☐ Eggs, Chickens & Turkeys Monthly issues plus single copies of: Hatchery Production Annual Layers & Egg Prod. Annual Poultry Production & Value Turkeys	$25.00	$31.25
☐ Poultry Slaughter (monthly)	18.00	22.50
DAIRY SERIES		
☐ Dairy Products (monthly/annual)	20.00	25.00
☐ Milk Production Monthly issues plus single copy of: Milk Prod., Disposition, & Income	19.00	23.75
OTHER REPORTS		
☐ Agricultural Prices (monthly)	27.00	33.75
☐ Catfish (monthly)	17.00	21.25
☐ Cold Storage (monthly/annual)	22.00	27.50
SPECIAL SINGLE COPY REPORTS		
☐ Scope & Methods of the Statistical Reporting Service SN: 001-000-04369-2	5.00	6.25
☐ Agricultural Statistics, 1985	10.00	12.50
☐ Usual Planting and Harvesting Dates for U.S. Field Crops SN: 001-000-04416-8	3.00	3.75

Note: For your convenience in ordering, we have grouped several publications together in packages. For example, when you subscribe to the Crop Production series you will receive 12 monthly copies and an annual summary of that report plus single copies of Prospective Plantings on Winter Wheat & Rye Seedings. If you have any questions about ordering, please call (202) 783-3238.

Mail order form to: Superintendent of Documents
Government Printing Office
Washington, DC 20402

Write check payable to Superintendent of Documents
If your address is outside the United States, use "foreign" price

Enclosed is $_____

NAME _____

ADDRESS _____

CITY, STATE, ZIP _____

Credit card order only: ☐ VISA ☐ Mastercard

Total charges $ _____
Credit card no. _____
Expiration date: month/year _____

☐ Check
☐ Money order
☐ Charge to my Deposit Account No. _____

For Office Use Only

Quantity	Charges	Quantity	Charges
_____ Enclosed	_____	MMOB	_____
_____ To be mailed	_____	OPNR	_____
_____ Subscriptions	_____	_____	UPNS
Postage	_____	_____	DISCOUNT
Foreign handling	_____	_____	REFUND

STATE STATISTICAL OFFICES

To request order forms for other state statistical reports write **(State) Agricultural Statistics Service.**

ALABAMA
Box 1071
Montgomery, 36192
205/832-7263

ALASKA
Box 799
Palmer, 99645
907/745-4272

ARIZONA
201 E. Indianola
Suite 250
Phoenix, 85012
602/241-2573

ARKANSAS
Box 3197
Little Rock, 72203
501/378-5145

CALIFORNIA
Box 1258
Sacramento, 95806
916/551-1533

COLORADO
Box 17066
Denver, 80217
303/964-0250

FLORIDA
1222 Woodward St.
Orlando, 32803
407/648-6013

GEORGIA
Stephens Federal Bldg.
Suite 320
Athens, 30613
404/546-2236

HAWAII
Box 22159
Honolulu, 96822
808/548-7155

IDAHO
Box 1699
Boise, 83701
208/334-1507

ILLINOIS
Box 19283
Springfield 62794
217/492-4295

INDIANA
Purdue University
West Lafayette, 47907
317/494-8371

IOWA
210 Walnut Street
Des Moines, 50309
515/284-4340

KANSAS
444 S.E. Quincy St.
Room 290
Topeka, 66683
913/295-2600

KENTUCKY
Box 1120
Louisville, 40201
502/582-5293

LOUISIANA
Box 5524
Alexandria, 71307
318/473-7971

MARYLAND-DELAWARE
50 Harry S. Truman Pkwy.
Annapolis, MD 21401
301/841-5740

MICHIGAN
Box 20008
Lansing, 48901
517/377-1831

MINNESOTA
Box 7068
St. Paul, 55107
612/296-2230

MISSISSIPPI
Box 980
Jackson, 39205
601/965-4575

MISSOURI
Box L
Columbia, 65205
314/875-5233

MONTANA
Box 4369
Helena, 59604
406/449-5303

NEBRASKA
Box 81069
Lincoln, 68501
402/437-5541

NEVADA
Box 8880
Reno, 89507
702/784-5584

NEW ENGLAND
Maine, New Hampshire,
Vermont, Connecticut,
Rhode Island and
Massachusetts
Box 1444
Concord, NH 03301
603/224-9639

NEW JERSEY
CN-330 New Warren St.
Trenton, 08625
609/292-6385

NEW MEXICO
Box 1809
Las Cruces 88004
505/523-8168

NEW YORK
1 Winners Circle
Albany, 12235
518/457-5570

NORTH CAROLINA
Box 27767
Raleigh, 27611
919/856-4394

NORTH DAKOTA
Box 3166
Fargo, 58108
701/239-5306

OHIO
200 N. High St.
Columbus, 43215
614/469-5590

OKLAHOMA
2800 N. Lincoln Blvd.
Oklahoma City, 73105
405/525-9226

OREGON
1220 S.W. 3rd Avenue
Portland, 97204
503/221-2131

PENNSYLVANIA
2301 N. Cameron St.
Harrisburg, 17110
717/787-3904

SOUTH CAROLINA
Box 1911
Columbia, 29202
803/765-5333

SOUTH DAKOTA
Box 5068
Sioux Falls, 57117
605/330-4235

TENNESSEE
Box 41505
Nashville, 37204
615/736-5136

TEXAS
Box 70
Austin, 78767
512/482-5581

UTAH
Box 25007
Salt Lake City, 84125
801/524-5003

VIRGINIA
Box 1659
Richmond, 23213
804/786-3500

WASHINGTON
Box 609
Olympia, 98507
206/586-8919

WEST VIRGINIA
c/o State Dept. of Agriculture
Charleston, 25305
304/348-2217

WISCONSIN
Box 9160
Madison, 53715
608/264-5317

WYOMING
Box 1148
Cheyenne, 82003
307/772-2181

DEPARTMENT OF
STATE OF WEST VIRGINIA
AGRICULTURE